

Form Rev. 10.3.14

**1. Program Number:** *See*, Reporting Policy at III (C) (1).

12120114-A

**2. Project Title:** *See*, Reporting Policy at III (C) (2).

Continuous Plankton Recorder Sampling

**3. Principal Investigator(s) Names:** *See*, Reporting Policy at III (C) (3).

Sonia Batten

**4. Time Period Covered by the Report:** *See*, Reporting Policy at III (C) (4).

February 1, 2014-January 31, 2015

**5. Date of Report:** *See*, Reporting Policy at III (C) (5).

March 1, 2015

**6. Project Website (if applicable):** *See*, Reporting Policy at III (C) (6).

[www.gulfwatchalaska.org](http://www.gulfwatchalaska.org)

and information on the whole North Pacific CPR survey available at:

<http://pices.int/projects/tcprstnp/default.aspx>

[www.sahfos.org](http://www.sahfos.org)

**7. Summary of Work Performed:** *See*, Reporting Policy at III (C) (7).

There were no issues with the sampling during 2014 and all six transects were sampled successfully. We did begin the sampling season earlier, in March, since conditions were unusually warm in early 2014 and we wanted to capture the start of the spring increase. The final sampling was therefore a little early, at the very end of August, instead of September. The table below gives the actual sampling dates. At this time, data are finalized for March to June samples, and still provisional for the July and August samples.

Deliverable/Milestone	Status
February 2014 Set up for start of field season, ship equipment to west coast ports	<ul style="list-style-type: none"> <li>Completed</li> </ul>
March 2014 <ul style="list-style-type: none"> <li>First transect</li> </ul>	<ul style="list-style-type: none"> <li>Sampled 22-24 March, data available</li> </ul>
April 2014 <ul style="list-style-type: none"> <li>Second transect</li> </ul>	<ul style="list-style-type: none"> <li>Sampled 24-26 April, data available</li> </ul>
May 2014 <ul style="list-style-type: none"> <li>Third transect</li> </ul>	<ul style="list-style-type: none"> <li>Sampled 24-26 May, data available</li> </ul>

June 2014	<ul style="list-style-type: none"> <li>• Fourth transect</li> </ul>	<ul style="list-style-type: none"> <li>• Sampled 26-28 June, data available</li> </ul>
July 2014	<ul style="list-style-type: none"> <li>• Fifth transect</li> </ul>	<ul style="list-style-type: none"> <li>• Sampled 26-28 July, data available</li> </ul>
August 2014	<ul style="list-style-type: none"> <li>• Sixth transect</li> </ul>	<ul style="list-style-type: none"> <li>• Sampled 28-30 August, preliminary data available</li> </ul>

**8. Coordination/Collaboration:** *See, Reporting Policy at III (C) (8).*

8a. Within Gulf Watch Alaska, the main collaborative focus has been understanding how the physical environment influences the plankton variability. This work was included in the Environmental drivers sections of the Synthesis Report, was presented at AMSS 2015, and is also included in a manuscript in preparation. We have also focused in the last few months on integrating the plankton data with herring larvae growth measurements made within the Herring Research and Monitoring program. Again, a manuscript is in preparation, and an example is given below in the highlights section.

8b and c. At this time there is no coordination with other EVOS TC funded projects, or other Trustee Agencies.

**9. Information and Data Transfer:** *See, Reporting Policy at III (C) (9).*

Publications produced during the reporting period: None published during the year.

Conference and workshop presentations and attendance during the reporting period:

- Dr Batten gave 2 talks at the North Pacific Marine Science Organisation (PICES) Annual Meeting, One was given in the general Biology session: “*Pseudo-nitzschia* diversity in the North Pacific from Continuous Plankton Recorder surveys” and one talk was given in a session devoted to plankton time series: “The North Pacific CPR Survey; History, evolution and lessons learned”.
- Dr Batten gave a talk at the January 2015 Alaska Marine Science Symposium entitled “Interannual variability in lower trophic levels on the Alaskan Shelf”

Data and/or information products developed during the reporting period, if applicable:

- Contribution to the NOAA Ecosystem Considerations report, <http://access.afsc.noaa.gov/reem/ecoweb/index.cfm>.
- Data sets and associated metadata have been uploaded to the program’s data portal.
- Finalised 2013 plankton data were uploaded, together with the metadata (2014 will be uploaded later in 2015 when all 2014 data have been finalized).
- 2014 along-transect temperature data were uploaded.

**10. Response to EVOSTC Review, Recommendations and Comments:** *See, Reporting Policy at III (C) (10).*

N/A

**11. Budget:** *See, Reporting Policy at III (C) (11).*

No deviations in spending from the proposed budget, see attached.