This form provides daily updates for the Arctic Eis survey vessel conducting fisheries surveys in waters off Alaska during August and September 2013: The F/V Bristol Explorer is conducting a surface trawl / acoustic survey, as well as plankton and oceanographic surveys, in the Chukchi Sea and northern Bering Sea. The attached maps show planned sampling locations, stations completed to date, and stations planned for today. The survey schedule for the vessel is:

**Surface Trawl Survey (F/V Bristol Explorer):**

<table>
<thead>
<tr>
<th>Date</th>
<th>Location</th>
<th>Date</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 3</td>
<td>Depart Dutch Harbor</td>
<td>Sep 11/12</td>
<td>Nome, crew change</td>
</tr>
<tr>
<td>Aug 6-18</td>
<td>Southern Chukchi Sea</td>
<td>Sep 12-26</td>
<td>Northern Bering Sea</td>
</tr>
<tr>
<td>Aug 20/21</td>
<td>Nome, crew change</td>
<td>Sep 29</td>
<td>Return to Dutch Harbor, offload</td>
</tr>
<tr>
<td>Aug 22-Sep 8</td>
<td>Northern Chukchi Sea</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes from the field:**

Stations completed yesterday 8-15-13:

- #43: 69° 00' N, 165° 41' W (CH-G03)
- #45: 69° 00' N, 166° 25' W (CH-G02.5)
- #47: 69° 00' N, 167° 07' W (CH-G02)
- #49: 69° 00' N, 167° 48' W (CH-G01.5)
- #44: 69° 00' N, 165° 40' W (midwater)
- #46: 69° 00' N, 166° 23' W (midwater)
- #48: 69° 00' N, 167° 22' W (midwater)

Planned stations for today 8-16-13:

- #47: 69° 30' N, 164° 13.2' W (CH-H04)
- #49: 69° 30' N, 165° 39' W (CH-H03)
- #48: 69° 30' N, 164° 55' W (CH-H03.5)
- #50: 69° 30' N, 166° 10' W (CH-H02.5)

Weather:

Cloudy; wind NE 15knots; Seas 5 feet

Yesterday’s catch:

- #43: capelin 205; sandlance 83; saffron cod 61; *C. melanaster* 21kg; lions mane jelly 3kg; shorthorn sculpin 8
- #44: sandlance 7,714; capelin 111; saffron cod 258; *C. melanaster* 21kg; lions mane 10kg
- #46: saffron cod 484; *C. melanaster* 10kg; lions mane 26kg
- #47: herring 62; saffron cod 39; *C. melanaster* 19kg; lions mane 5kg
- #48: Arctic cod 297; lions mane 16kg; *C. melanaster* 5kg

Birds and mammals:

Flock of thick billed murres with a female eider along for the ride. No mammals.

For general information or comments about the survey, please e-mail [arctic.eis@alaska.edu](mailto:arctic.eis@alaska.edu).
Date: August 16, 2013

Legend
Arctic Eis Survey
- Main Station
- Zoo Station Only
- Oceangr / Zoo Only
- Station TBD

Acoustic Surveys

Surface Trawl Survey
F/V Bristol Explorer
Radio Call Sign: WCZ-9010
USCG #: 647985

Completed Stations
Planned Stations for Today

*Note: Zoo Stations include a cable attached FastCat CTD sensor for oceanography.
This form provides daily updates for the ACES fisheries surveys in waters off North Alaska between Point Barrow and Christie Point during August and September 2013: The F/V Arctic Knight is conducting a bottom trawl and acoustic surveys in offshore transects; while inshore, the F/V Uglic is sampling with surface seine nets. The map below shows planned sampling locations. The survey schedules for the vessels are:

- July 11: Beach seine crew arrives in Barrow and begins sampling.
- Aug 4: Autonomous Surface Vessel (ASV) and crew arrive in Barrow.
- Aug 8: BOEM vessel arrives in Barrow from Prudhoe Bay.
- Aug 9: Net trials.
- Aug 12 – 19: Trawl and acoustic surveys in Chukchi and Beaufort.
- Aug 26: Beach seining ends.
- Aug 28: Depart Barrow.

Notes from the field:

We sampled three Beaufort Sea beach seine sites yesterday and we saw a dramatic shift in abundance and species composition from previous sets. Hundreds of sand lance were caught at all three sites which had been previously dominated by small hauls of sculpin. Over 150 beluga whale were in the area, some within a 5 meters of shore.

The ASV surveyed the channel between Elson lagoon and North Salt Lagoon, an area of interest to locals.

IMPORTANT NOTE:
For general information or comments about the ACES survey, e-mail ann.robertson@noaa.gov.
Map showing ACES acoustic transects, beach seines and bottom trawl sites.