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):**

- Aug 3: Depart Dutch Harbor
- Aug 6-18: Southern Chukchi Sea
- Aug 20/21: Nome, crew change
- Aug 22-Sep 8: Northern Chukchi Sea
- Sep 11/12: Nome, crew change
- Sep 12-26: Northern Bering Sea
- Sep 29: Return to Dutch Harbor, offload

**Notes from the field:**

Chief Scientist Dr. Ed Farley Reporting:

- Completed the planned stations yesterday, as well as 2 Marinovich test sets and a midwater along with the oceanographic station.
- Surface trawl catch included immature chum in the NBS and C. melanaster jellys at the second station.
- Midwater trawl caught herring.
- Planned stations today include:
  - 66° 00' N, 167° 16.2' W (CH-A02)
  - 66° 30’ N, 168° 30’ W (CH-B01)
- Weather: foggy, north wind at 15-20 knots, seas 4 feet.

**IMPORTANT NOTE:** If you do NOT wish to receive these daily updates and wish to opt out, please send us an e-mail at arctic.eis@alaska.edu. If you know of anyone else who might want to receive these notifications, please send us their contact information (fax and/or e-mail). For general information or comments about the survey, please e-mail arctic.eis@alaska.edu.
Date: August 8, 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

*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:

The ACES beach seine crew has been sampling the nearshore since July 14. Catches include larval and juvenile sculpin, capelin, sand lance, rainbow smelt, Arctic flounder, cisco, and a few other species. Sculpin and capelin length have increased over time. Total catches have exceeded 6000 sand lance in one set on the Chukchi. One capelin set was 3200 individuals.

Sea trials of the autonomous surface craft were successful with deployments in the North Salt Lagoon and the Chukchi Sea. The vessel was able to maintain a stationary position and collect acoustic data (echosounder and imaging sonar) in 20 knot winds.

Important contacts:
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IMPORTANT NOTE:
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Figure 1. Autonomous Surface Vessel (ASV).

Map showing ACES acoustic transects, beach seines and bottom trawl sites.