2013 Arctic Ecosystem Integrated Survey

Daily Update for: September 13, 2013

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

Notes from the field:

Stations completed September 12, 2013:
#155: 64° 28' N, 166° 00' W (NB-R04)  #156: 64° 30' N, 167° 00' W (NB-R03)
#157: 64° 30' N, 168° 00' W (NB-R02)
Planned stations for September 13, 2013:
#158: 64° 30' N, 169° 00' W (NB-R01)  #159: 64° 30' N, 170° 00' W (NB-R00)
#160: 64° 00' N, 170° 00' W (NB-S00)  #157: 64° 00' N, 169° 00' W (NB-S01)
Weather:
Pt. cloudy to sunny; winds W 15-20 kts; seas 3-4 feet.

September 12 summary:
Trawl catch: Station 155: herring 567, capelin 115, pink salmon (juv) 98, chinook salmon (juv) 21, chum salmon (juv) 10, coho salmon (juv) 5, walleye Pollock (age1) 5, Arctic lamprey 5, 9spine stickleback 3, rainbow smelt 2, tubenose poacher 1, Chrysaora melanaster 245 kg, Cyanea capillata 1.59 kg. Station 156: capelin 115, pink salmon (juv) 50, herring 4, chum salmon (juv) 2, coho salmon (juv) 1, greenland halibut (larval) 1, Chysaora melanaster 139.12 kg, Cyanea capillata 0.08 kg. Station 157: Capelin 12,112, Chum salmon (juv) 9, coho salmon (juv) 1, pink salmon (juv) 1, sockeye salmon (juv) 1, Arctic lamprey 1, Chrysaora melanaster 1.26 kg, Aequorea 0.36 kg

Birds and mammals:
An arctic tern, ancient murrelets, a common loon, a Sabine’s gull, a Vega gull, a long-tailed jaeger, several flocks of unidentified female eiders, and a dozen gray whales.

For general information or comments about the survey, please e-mail arctic.eis@alaska.edu.
Date: September 13, 2013

Legend
Arctic Eis Survey
- Main Station
- Zoo Station
- Oceangr / Zoo Station
- 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.