

# 2012 Arctic Ecosystem Integrated Survey

Daily Update for: August 12, 2012

This form provides daily updates for two survey vessels conducting fisheries surveys in waters off Alaska during August and September 2012: *The F/V Alaska Knight* is conducting a bottom trawl survey in the Chukchi Sea and 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 schedules for the vessels are:

## Bottom Trawl Survey (F/V Alaska Knight):

Aug 9	Depart Dutch Harbor	Aug 31/Sep1	Nome, crew change
Aug 12/13	Nome, pick up scientists	Sep 2-18	Southern Chukchi Sea
Aug 14-30	Northern Chukchi Sea	Sep 24	Return to Dutch Harbor

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

Aug 3	Depart Dutch Harbor	Sep 11/12	Nome, crew change
Aug 6-23	Southern Chukchi Sea	Sep 13-25	Northern Bering Sea
Aug 24/25	Nome, crew change	Sep 28	Return to Dutch Harbor, offload
Aug 26-Sep10	Northern Chukchi Sea		

## Notes from the field:

F/V Bristol Explorer (from Alex Andrews): We have completed all stations planned for today except for one oceanography station (68.00 N, 167.84 W). Catches remain small.

Total catches for Friday 8/10 for the three main stations combined: (67.50 N, 166.54 W, 67.50 N, 167.19 W, 67.50 N, 167.85 W, 67.50 N, 168.50 W)

capelin – 249                      jellyfish (*Chrysaora melanaster*) - 42.26 kg,                      jellyfish (*Cyanea capillata*) - 0.15 kg  
sand lance – 1                      slender eelpout – 2

Interesting birds of the day: King eiders, common eiders, kittlitz's murrelets, crested auklets, fulmars, shearwaters, sabine's gulls, pomarine jaeger, and black-legged kittiwakes.

Marine mammals: As we transited between our 67.50 N and 68.00 N transect we came across approximately 30 + whales of mixed species spread out over a few miles. The majority of these whales were made up of small groups of 3 to 4 gray whales. Flocks of red and red-necked phalaropes actively feeding near whales. Other whales included one small unidentified whale, at least one humpback whale, and at least one large, slow moving whale possibly a Bowhead whale.

F/V Alaska Knight: Weather has improved greatly, resulting in making even better time. Our new ETA for Nome is by 9am on the 12th. After marking wire and setting up the deck, we are ready to pick up the remaining scientists and start sampling!

**IMPORTANT NOTE:** If you do NOT wish to receive these daily updates, or if you are receiving both an e-mail and a fax and wish to opt out of one communication, please send us an e-mail at [arctic.eis@alaska.edu](mailto:arctic.eis@alaska.edu) with your preference. 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 [fmuetter@alaska.edu](mailto:fmuetter@alaska.edu)

Date: August 12, 2012

