

2012 Arctic Ecosystem Integrated Survey

Daily Update for: September 25, 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:

Arctic Eis updates: F/V Bristol Explorer: We were able to pick up two stations before the weather deteriorated. We are heading for protected waters near Nunivak Island for the night; will provide an update in the morning. For tomorrow it appears as if the strongest winds will be centered over our remaining stations, not good. Summary of yesterday's catches: j chum – 63; j. coho – 18; j. Chinook – 31; saffron cod (age0) – 11; saffron cod – 8; P. Herring (age0) – 2110; P. herring – 719; P. sand lance – 118; rainbow smelt – 192; Arctic lamprey – 1; whitespotted greenling – 2; tube-snout – 1; Greenland halibut larvae – 2; unid flatfish larvae – 3; jellyfish (combined) – 333 kg; j. pink – 11; Greenland halibut – 2. Interesting birds of the day: King eiders, Pacific loons, and a herring gull. Marine mammals: None observed. On weather hold for 9/25.

F/V Alaska Knight: Have a safe journey home!

F/V Other Surveys: Other surveys in the Chukchi Sea, check out the following sites:

Chukchi & Western Beaufort Circulation Study: <http://dm.sfos.uaf.edu/chukchi-beaufort/data/drifters/>

Russian-American Long-term Census of the Arctic (RUSALCA): <http://rusalcaproject.com/>

Chukchi Sea Environmental Studies Program (CSESP): <http://www.chukchiscience.com/>

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For general information or comments about the survey, please e-mail fmuetter@alaska.edu

Date: September 25, 2012

