

# 2012 Arctic Ecosystem Integrated Survey

Daily Update for: September 20, 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 completed three surface trawls and one midwater trawl today. Sea surface temperatures increased from 5.3 to 8.0 C as we transited eastward. Our stations at the west end of the transect were dominated by jellyfish (*C. melanaster*) and included some capelin and herring. On the east end, the midwater station was performed near our last main station, and captured a blend of species that included pollock (subadult), saffron cod (subadult), herring, rainbow smelt, and Arctic cod (subadult).

Summary of yesterday's catches: j. chum – 7; j. sockeye – 1; capelin – 165; Arctic lamprey – 1; yellowfin sole – 12; jellyfish (combined) – 1967 kg; j. Chinook – 5; P. herring – 559; P. sand lance (age0) – 1; rainbow smelt – 389; walleye pollock – 122; unid. flatfish larvae – 9; Greenland halibut larvae – 2; saffron (age)0 – 64; saffron – 1106; Arctic cod – 2; slender eelblenny – 1; whitespotted greenling – 2; Alaska plaice -1.

Interesting birds of the day: The first fork-tailed storm petrels since our transit north in early August. Herring gulls, dark morph pomarine jaegers, and sharp-tailed sandpiper.

Marine mammals: A minke whale sighted soon after our first station of the day.

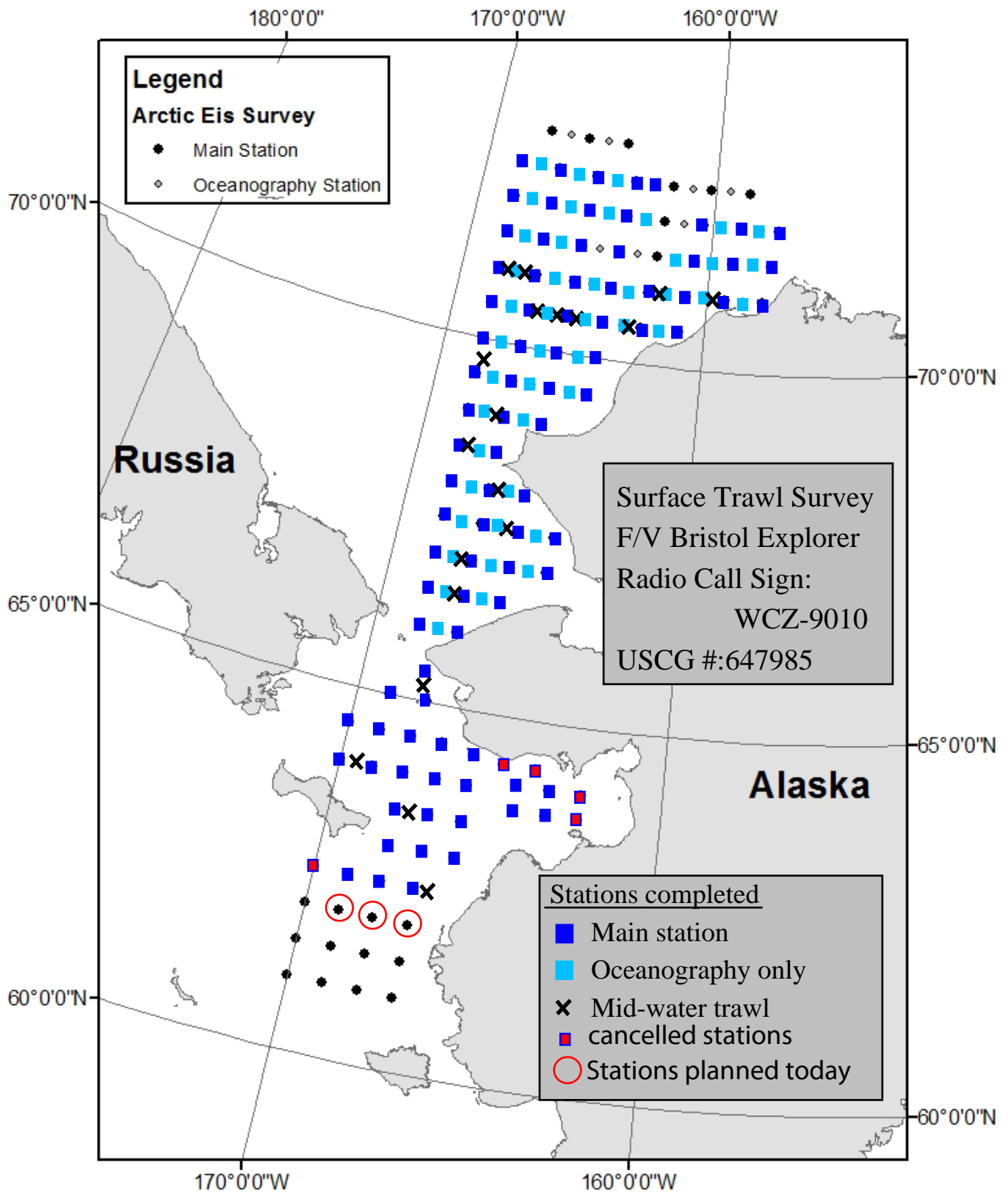
**F/V Alaska Knight:** Completed survey - On the way to Dutch Harbor.

**F/V Other Surveys:** No other updates

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)

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