Daily Update for: September 5, 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):

<table>
<thead>
<tr>
<th>Date</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aug 3</td>
<td>Depart Dutch Harbor</td>
</tr>
<tr>
<td>Aug 6-18</td>
<td>Southern Chukchi Sea</td>
</tr>
<tr>
<td>Aug 20/21</td>
<td>Nome, crew change</td>
</tr>
<tr>
<td>Aug 22-Sep 8</td>
<td>Northern Chukchi Sea</td>
</tr>
</tbody>
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Weather:
Overcast; winds E/NE 20-25 kts; seas 8-10 feet.

Yesterday’s catch:

#136: 451 Arctic cod (age 0), 2 capelin (age 0), 2 P. sand lance (age 0), 1 Arctic staghorn sculpin, 1 Lumpenus sp, 26.0 kg C. melanaster, and 3.1 kg lions mane
#137: 140 Arctic cod (age 0), 8 snailfish unident., 8 Lumpenus sp, 5 Arctic staghorn sculpin, 3 P. sand lance (age 0), 21.9 kg C. melanaster, and 0.1 kg lions mane
#138: 72° 00’ N, 157° 01’ W (CH-M08)
#139: 72° 00’ N, 157° 58’ W (CH-M07.5)
#140: 72° 00’ N, 158° 45’ W (CH-M07)
#141: 72° 00’ N, 158° 37’ W (midwater)

Planned stations for today September 5, 2013:

#142: 72° 30’ N, 158° 32’ W (CH-N07)
#143: 72° 30’ N, 159° 17’ W (CH-N06)
#144: 72° 30’ N, 158° 56’ W (CH-N05.5)
#145: 72° 30’ N, 160° 11’ W (CH-N06)

Today we hope to complete the 72° 30’ N transect line, after which we plan to spend two days running offshore transects into deeper water in search of higher numbers of age 1 to adult Arctic cod. There is a light dusting of snow on the deck.

Stations completed yesterday September 4, 2013:

#136: 72° 00’ N, 157° 01’ W (CH-M08)
#137: 72° 00’ N, 156° 53’ W (midwater)
#138: 72° 00’ N, 157° 58’ W (CH-M07.5)
#139: 72° 00’ N, 157° 58’ W (midwater)
#140: 72° 00’ N, 158° 45’ W (CH-M07)
#141: 72° 00’ N, 158° 37’ W (midwater)

Notes from the field:

Several hundred shearwaters; kittiwakes; a glaucous gull; a Sabine’s gull; and an Arctic tern. No marine mammals sighted.

For general information or comments about the survey, please e-mail arctic.eis@alaska.edu.
*Note: Zoo Stations include a cable attached FastCat CTD sensor for oceanography.