

Title: Arctic EIS Fish CPUE

Authors:

Jeanette C. Gann

Edward V. Farley

17109 Pt. Lena Loop Road Juneau, AK 99801 U.S.A.

907 789-6085

Jeanette.gann@noaa.gov

ed.farley@noaa.gov

Data Questions:

Jeanette C. Gann

17109 Pt. Lena Loop Road Juneau, AK 99801 U.S.A

907 789-6445

Jeanette.gann@noaa.gov

Funding Source:

The Community Coastal Impact Assistance Program (CCIAP) and the Bureau of Ocean Energy Management (BOEM)

Data Set Overview:

August, 2012 through September, 2013

Latitude: 64.497 – 71.501 North

Longitude: -170.001 – -157.478 West

DBO regions 2-5

http://www.afsc.noaa.gov/ABL/EMA/EMA_default.php

Instrument:

Fish tows using a Can-trawl net,

Data Collection and Processing:

Fish were collected with a 198-m-long midwater rope trawl composed of hexagonal mesh wings and a body fitted with a 1.2-cm-mesh cod end liner that was modified to fish at the ocean surface. The trawl was towed at speeds ranging from 3.5 to 5.0 knots (;6.5–9.3 km/h) for 30 min during daylight hours. The volume of water filtered by the trawl (m³) was calculated by multiplying the vertical and horizontal spread by the distance over ground traveled by the research vessel.

Data Format:

Data is submitted in CSV format

DBORegion - DBO bounding region where data was collected (DBO 2-5)

StationID – Internal station naming (year (4 digits), ship code (2 digits), cruiseID (2 digits), and station number (3 digits).

Year - Year in which the data was collected

EventStartDate – Start of fish tow in GMT

EventEndDate – End of fish tow in GMT

Latitude - Latitude in Decimal Degrees

Longitude - Longitude in Decimal Degrees

Bottom Depth - Depth of water column in meters

CommonName - Common name of fish

LHSCode - Life History code: U = unidentified, IM = immature, A0 = Age-0, A1+ = Age 1 +, J = juvenile,

CPUE NumberPerKm2 = Catch Per unit Effort in number/square Km

CPUE GramsPerKm2 - Catch Per Unit Effort in Grams/ square Km

Data Remarks:

NA = no data, Oxygen data is not Quality checked

References:

none