

# EcoMon plankton counts (100-m<sup>3</sup>) from Bongo tows, including MARMAP data multiple cruises in the Northeast Continental Shelf of the United States from 1977-2015 (EcoMon Zooplankton project)

**Website:** <https://www.bco-dmo.org/dataset/3328>

**Data Type:** Cruise Results

**Version:** 3.1

**Version Date:** 2018-01-02

## Project

» [EcoMon Zooplankton](#) (EcoMon Zooplankton)

## Program

» [National Marine Fisheries Service / Northeast Fisheries Science Center](#) (NMFS/NEFSC)

Contributors	Affiliation	Role
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## Abstract

Zooplankton data are the number of organisms per 100 m<sup>3</sup> of water sampled from several surveys including: ICNAF, MARMAP, HERRING, ECOMON as well as perhaps several others, and hundreds of cruises.

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## Coverage

**Spatial Extent:** N:44.77 E:-63.6 S:34.4667 W:-75.97

**Temporal Extent:** 1977-02-13 - 2015-11-04

## Dataset Description

Zooplankton data from several surveys conducted during the Marine Resources Monitoring, Assessment, and Prediction (MARMAP), Atlantic herring and sand lance (HSL), and Ecosystem Monitoring (EcoMon) programs.

It is requested that people use the following standard acknowledgement when publishing or presenting results that utilize NMFS data extracted from BCO-DMO.

"This study utilized data collected by the NOAA's Northeast Fisheries Science Center as part of an ongoing mission to monitor and assess the Northeast Continental Shelf ecosystem."

Source: NOAA NMFS NEFSC Oceanography Branch

**NOTE:** Newest data, v3.1, is not yet linked to the mapping service.

**Notes:**

1. Values are the number of organisms per 100 m<sup>3</sup> of water sampled.
2. Taxa were selected based on time series mean abundance greater than 100 per 100 m<sup>3</sup> and occurrence in greater than 5% of samples.
3. Number of stations between the 100 m<sup>3</sup> and 10 m<sup>2</sup> datasets may be different because the number of larvae under 10 m<sup>2</sup> was not calculated at stations where the net was greater than 5-m off the bottom.

Date: 26 January 2011:

As of July 30, 2010 we have attempted to replace the taxonomic abbreviations with the actual names in the displayed data. The original abbreviations are shown below for historical purposes.

**List of taxonomic abbreviations and MARMAP codes:**

COLUMN NAME TAXONOMIC NAME MARMAP TAXONOMIC CODE(S)

ctyp Centropages typicus 103  
calfin Calanus finmarchicus 101  
pseudo Pseudocalanus spp. 102 and 4128  
penilia Penilia avirostris 611 and 613  
tlong Temora longicornis 104  
cham Centropages hamatus 109  
echino Echinodermata 1500-1599  
append Appendicularia 700-799  
para Paracalanus parvus 135  
gas Gastropoda 300-399, 1100-1199,  
3300-3399  
acarspp Acartia spp. 4027  
mlucens Metridia lucens 105  
evadnespp Evadne spp. 605  
salps Salpa 3400-3499  
oithspp Oithona spp. 138  
cirr Cirripedia 2100-2199  
chaeto Chaetognatha 200-299  
hyper Hyperiidea 400-499, 800-849,  
4600-4699  
gam Gammaridea 870-899, 4400-4499  
evadnord Evadne nordmanni 607  
coe Coelenterata 1200-1299, 1800-  
1899, 2300-2399  
calminor Calanus minor 143  
copepoda Copepoda 100  
clauso Clausocalanus arcuicornis 157  
dec Decapoda 500-599, 1000-  
1099, 3100-3299  
euph Euphausiacea 2000-2099  
prot Protozoa 3900-3999  
acarlong Acartia longiremis 107  
euc Eucalanus spp. 180  
pel Pelecypoda 1300-1399  
poly Polychaeta 2500-2599  
podon Podon spp. 601  
fish Pisces 3500  
bry Bryozoa 900-949  
fur Clausocalanus furcatus 4064  
calspp Calanus spp. 178  
oncaea Oncaea spp. 191  
cory Corycaeidae 4045  
ost Ostracoda 3600-3699  
tstyl Temora stylifera 153

oithspin *Oithona spinirostris* 114  
mysids Mysidacea 2800-2899  
temssp *Temora* spp. 4059  
tort *Tortanus discaudatus* 108  
paraspp *Paracalanus* spp. 4118

## **NOAA/NMFS Data Use and Acknowledgement Policy:**

These data are provided by the Northeast Fisheries Science Center of the U.S. National Marine Fisheries Service. A number of different vessels have been involved in sampling, and gear and methods have evolved over time. All of these factors affect sampling and the interpretation of data. The agency has developed correction factors to adjust for these changes and use other statistical tools for population estimates. The data we present here can be used as an index of abundance (over time or space) within a species or among species with similar vulnerability to the sampling gear. The data refer to a standard tow or sample and are not normalized to a unit area. Please refer to the detailed metadata for each dataset for more information, and to the data products for useful summaries of the data. Users are encouraged to contact the responsible agencies for guidance in using the data.

It is not ethical to publish data without proper attribution or co-authorship. The data are the intellectual property of the collecting investigator(s).

The intellectual investment and time committed to the collection of a data set entitles the investigator to the fundamental benefits of the data set. Publication of descriptive or interpretive results derived immediately and directly from the data is the privilege and responsibility of the investigators who collect the data.

The purpose of a data archive is to facilitate collaboration between scientists, to allow the combination of multiple data sets for interdisciplinary and comparative studies, and the development and testing of new theories. The data managed by the Biological and Chemical Oceanography Data Management Office (BCO-DMO) are made available even though they may not be "final" (i.e., error free) data.

Any person making substantial use of a data set must communicate with the investigators who acquired the data and/or the Data Management Office prior to publication and anticipate that the data collectors will be co-authors of published results. This extends to model results and to data organized for retrospective studies.

The data available here are intended for scholarly use by the academic and scientific community, with the express understanding that any such use will properly acknowledge the originating investigator. Use or reproduction of any material herein for any commercial purpose is prohibited without prior written permission from the Data Management Office.

## **Methods & Sampling**

Plankton sampling was conducted bi-monthly, monthly, or quarterly each year depending on the sampling program. Samples were collected both day and night on cruises using a 61-cm bongo net fitted with a 333- $\mu$ m mesh net. Oblique tows were a minimum of 5-minutes in duration, and fished from the surface to within 5-m of the seabed or to a maximum depth of 200-m. A mechanical flowmeter was fitted in the mouth of each net to record the volume sampled. Samples were preserved in 5% formalin.

This dataset does not include the samples from the 20cm Bongo. (NMFS 3.1 - 2017-03-23)

## **Data Processing Description**

Plankton tows differ with respect to volume of water filtered and maximum tow depth. In order to make data values comparable, these values were normalized through the use of a standard haul factor. The two standard haul factors were: the number of organisms beneath 10 m<sup>2</sup> of sea surface (eq. 1) and the number per 100 m<sup>3</sup> of water sampled (eq. 2).

$$\text{Eq. 1: } h = z * 10 / v$$

where: z = maximum tow depth (in meters)

v = volume of water filtered (in meters cubed)

Eq. 2:  $h = 100 / v$

where: v = volume of water filtered (in meters cubed)

Sample sorting and identification of most samples was done at the Morski Instytut Rybacki in Szczecin, Poland. Samples were reduced to approximately 500 organisms by sub-sampling into aliquots with a modified box splitter. Zooplankton were sorted, counted, and identified to the lowest possible taxa. The number for each taxa identified was multiplied by the number of aliquots to estimate total sample abundance; which then was multiplied by one of the standard haul factors.

#### **BCO-DMO Processing:**

- reformatted date from dd-Mon-yy to yyyy-mm-dd
- added columns for year, month, day
- sorted all the data by year, then cruise\_name, then station
- replaced taxon codes with taxon names
- replaced 97 NaN's in volume column with nd
- transposed taxon columns to rows

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## **Data Files**

File
<b>plankton100m3_v3_1_sort.csv</b> (Comma Separated Values (.csv), 434.71 MB) MD5:29d64a06a844dabe4241e455180e3f8a
Primary data file for dataset ID 3328

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## **Related Publications**

Jossi, J. W., & Kane, J. (2000). An Atlas of Seasonal Mean Abundances of the Common Zooplankton of the United States Northeast Continental Shelf Ecosystem. *Bulletin of the Sea Fisheries Institute* 151:67-87  
*Results*

Jossi, J. W., Griswold, C. A., Prezioso, J., Taylor, M., & O'Reilly, J. Ecosystem Monitoring Program: Survey Operations Manual. <http://globec.whoi.edu/BCO-DMO/Reports/Bongo-OperationsManual-2005.doc>  
*Methods*

Kane, J. (1997). Persistent spatial and temporal abundance patterns for late-stage copepodites of *Centropages hamatus* (Copepoda: Calanoida) in the U.S. Northeast continental shelf ecosystem. *Fishery Bulletin* 95:85-98  
<http://globec.whoi.edu/BCO-DMO/Reports/MARMAP-Atlas-3.pdf>  
*Results*

Kane, J. (1997). Persistent spatial and temporal abundance patterns for late-stage copepodites of *Centropages hamatus* (Copepoda: Calanoida) in the U.S. Northeast continental shelf ecosystem. *Fishery Bulletin* 95:85-98  
*Results*

Kane, J. (1999). Persistent spatial and temporal abundance patterns for the late-stage copepodites of *Centropages typicus* (Copepoda: Calanoida) in the US Northeast continental shelf ecosystem. *Journal of Plankton Research*, 21(6), 1043-1064. doi:[10.1093/oxfordjournals.plankt.a029781](https://doi.org/10.1093/oxfordjournals.plankt.a029781)  
*Results*

Kane, J. (2003). Spatial and temporal abundance patterns for the late stage copepodites of *Metridia lucens* (Copepoda: Calanoida) in the US northeast continental shelf ecosystem. *Journal of Plankton Research*, 25(2), 151-167. doi:[10.1093/plankt/25.2.151](https://doi.org/10.1093/plankt/25.2.151)  
*Results*

Kane, J. (2007). Zooplankton abundance trends on Georges Bank, 1977-2004. *ICES Journal of Marine Science*, 64(5), 909-919. doi:[10.1093/icesjms/fsm066](https://doi.org/10.1093/icesjms/fsm066)

## Results

Kane, J., 1997. Persistent spatial and temporal abundance patterns for the late-stage copepodites of *Centropages hamatus* (Copepoda:Calanoida) in the US Northeast Continental shelf ecosystem. Fishery Bulletin US 95, 85-98

## Results

Mountain, D., & Kane, J. (2010). Major changes in the Georges Bank ecosystem, 1980s to the 1990s. Marine Ecology Progress Series, 398, 81-91. doi:[10.3354/meps08323](https://doi.org/10.3354/meps08323)

## Results

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## Related Datasets

### IsRelatedTo

Hare, J. (2021) **EcoMon plankton counts (10-m2) from Bongo tows, including MARMAP data from multiple cruises in the Northeast Continental Shelf of the United States from 1977-2015 (EcoMon Zooplankton project)**. Biological and Chemical Oceanography Data Management Office (BCO-DMO). (Version 3.1) Version Date 2018-01-02 doi:10.26008/1912/bco-dmo.3327.3.1 [[view at BCO-DMO](#)]

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## Parameters

Parameter	Description	Units
year	4 digit GMT year	unitless
cruiseid	Unique cruise identification made up of a 2 or 3 letter platform abbreviation followed by a number; typically the 2 digit year followed by a 2 digit consecutive number starting at 01.	unitless
station	Cruise station number	unitless
zoo_gear	type of gear used to collect zooplankton samples	unitless
ich_gear	type of gear used to collect ichthyoplankton samples	unitless
lat	Latitude; north is positive	decimal degrees
lon	Longitude; east is positive	decimal degrees
date	GMT date in the format dd-mmm-yy	unitless
month	GMT month sample was taken	unitless
day	GMT day sample was taken	unitless
time	GMT time sample was taken	unitless
depth	Water depth	meters
sfc_temp	surface temperature	degrees Celsius
sfc_salt	surface salt	Practical Salinity Units (PSU)?
btm_temp	bottom temperature	degrees Celsius
btm_salt	bottom salt	Practical Salinity Units (PSU)?
volume_100m3	volume of water filtered during tow?	cubic meters?
taxon	Taxon. Data were originally supplied using taxon abbreviations but these abbreviations were replaced by the taxon names; using an underscore to represent spaces.	unitless
count	Taxon abundance	taxon specimens/100 cubic meters

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## Instruments

<b>Dataset-specific Instrument Name</b>	Bongo Net
<b>Generic Instrument Name</b>	Bongo Net
<b>Dataset-specific Description</b>	Data were collected using 61cm diameter Bongo nets. (It is the same instrument and configuration as used during the U.S. GLOBEC Georges Bank studies 1995-1999). The net size during MARMAP was .333mm. After MARMAP, two net sizes were used: .333mm for zooplankton and .505mm for fish eggs and larvae. Tows were for a minimum of five (5) minutes to a maximum depth of 200 meters. If the water depth were less than 200m, then the tow was taken within 5 meters of the bottom. The trawl wire angle was maintained at 45 degrees. Samples were preserved in quart jars in 4 percent formaline. During the MARMAP cruises, a 20cm Bongo was also towed during transecs, above the 61cm Bongo nets, with .165mm and .252mm nets. All frame aperatures had General Oceanic digital flow meters.
<b>Generic Instrument Description</b>	A Bongo Net consists of paired plankton nets, typically with a 60 cm diameter mouth opening and varying mesh sizes, 10 to 1000 micron. The Bongo Frame was designed by the National Marine Fisheries Service for use in the MARMAP program. It consists of two cylindrical collars connected with a yoke so that replicate samples are collected at the same time. Variations in models are designed for either vertical hauls (OI-2500 = NMFS Pairovet-Style, MARMAP Bongo, CalVET) or both oblique and vertical hauls (Aquatic Research). The OI-1200 has an opening and closing mechanism that allows discrete "known-depth" sampling. This model is large enough to filter water at the rate of 47.5 m3/minute when towing at a speed of two knots. More information: Ocean Instruments, Aquatic Research, Sea-Gear

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## Deployments

### AA8704

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58486">https://www.bco-dmo.org/deployment/58486</a>
<b>Platform</b>	F/V Admiral Arciszewski
<b>Start Date</b>	1987-04-13
<b>End Date</b>	1987-04-22
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project. The reported sampling dates were used as the cruise start and end dates.

### AI7801

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58487">https://www.bco-dmo.org/deployment/58487</a>
<b>Platform</b>	R/V Aliot
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

### AJ9604

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58175">https://www.bco-dmo.org/deployment/58175</a>
<b>Platform</b>	R/V Abel-J
<b>Start Date</b>	1996-08-09
<b>End Date</b>	1996-08-28
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AJ9901

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58178">https://www.bco-dmo.org/deployment/58178</a>
<b>Platform</b>	R/V Abel-J
<b>Start Date</b>	1999-06-03
<b>End Date</b>	1999-06-11
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0001

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58180">https://www.bco-dmo.org/deployment/58180</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2000-02-10
<b>End Date</b>	2000-02-29
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0002

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58181">https://www.bco-dmo.org/deployment/58181</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2000-03-16
<b>End Date</b>	2000-05-03
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0005

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58184">https://www.bco-dmo.org/deployment/58184</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2000-08-23
<b>End Date</b>	2000-08-29
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0006



<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58185">https://www.bco-dmo.org/deployment/58185</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2000-09-06
<b>End Date</b>	2000-10-21
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0007

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58186">https://www.bco-dmo.org/deployment/58186</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2000-10-31
<b>End Date</b>	2000-11-16
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0102

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58187">https://www.bco-dmo.org/deployment/58187</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2001-01-30
<b>End Date</b>	2001-02-23
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0103

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58188">https://www.bco-dmo.org/deployment/58188</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2001-02-28
<b>End Date</b>	2001-04-30
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0106

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58189">https://www.bco-dmo.org/deployment/58189</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2001-05-20
<b>End Date</b>	2001-05-25
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0109

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57657">https://www.bco-dmo.org/deployment/57657</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0208/#tbls">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0208/#tbls</a>
<b>Start Date</b>	2001-08-21
<b>End Date</b>	2001-08-28
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

#### AL0110

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58192">https://www.bco-dmo.org/deployment/58192</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2001-09-05
<b>End Date</b>	2001-10-22
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0111

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57658">https://www.bco-dmo.org/deployment/57658</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0208/#tbls">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0208/#tbls</a>
<b>Start Date</b>	2001-10-30
<b>End Date</b>	2001-11-16
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

#### AL0202

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57659">https://www.bco-dmo.org/deployment/57659</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0305/#tbl">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0305/#tbl</a>
<b>Start Date</b>	2002-01-23
<b>End Date</b>	2002-01-30
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

#### AL0203

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58193">https://www.bco-dmo.org/deployment/58193</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2002-02-07
<b>End Date</b>	2002-03-02
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0204**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58194">https://www.bco-dmo.org/deployment/58194</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2002-03-06
<b>End Date</b>	2002-04-25
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0206**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57660">https://www.bco-dmo.org/deployment/57660</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0305/#tbl">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0305/#tbl</a>
<b>Start Date</b>	2002-05-23
<b>End Date</b>	2002-06-06
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

**AL0210**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58197">https://www.bco-dmo.org/deployment/58197</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2002-09-04
<b>End Date</b>	2002-10-25
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0305**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58199">https://www.bco-dmo.org/deployment/58199</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2003-09-08
<b>End Date</b>	2003-11-01
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0306**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57665">https://www.bco-dmo.org/deployment/57665</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0412/#tab">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0412/#tab</a>
<b>Start Date</b>	2003-11-03
<b>End Date</b>	2003-11-12
<b>Description</b>	Ecosystem Monitoring Survey cruise

**AL0401**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57666">https://www.bco-dmo.org/deployment/57666</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab</a>
<b>Start Date</b>	2004-01-25
<b>End Date</b>	2004-01-27
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

**AL0402**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58200">https://www.bco-dmo.org/deployment/58200</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2004-02-05
<b>End Date</b>	2004-02-28
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0403**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58201">https://www.bco-dmo.org/deployment/58201</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2004-03-03
<b>End Date</b>	2004-04-22
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0405**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57667">https://www.bco-dmo.org/deployment/57667</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab</a>
<b>Start Date</b>	2004-05-25
<b>End Date</b>	2004-06-08
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

**AL0408**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57668">https://www.bco-dmo.org/deployment/57668</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab</a>
<b>Start Date</b>	2004-08-17
<b>End Date</b>	2004-08-31
<b>Description</b>	NOAA EcoMon (Ecosystems Monitoring) cruise

**AL0409**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58204">https://www.bco-dmo.org/deployment/58204</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2004-09-11
<b>End Date</b>	2004-10-27
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0410**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57669">https://www.bco-dmo.org/deployment/57669</a>
<b>Platform</b>	R/V Albatross IV
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0503/#tab</a>
<b>Start Date</b>	2004-11-02
<b>End Date</b>	2004-11-18
<b>Description</b>	NOAA EcoMon (Ecosystems Monitoring) cruise

**AL0502**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58206">https://www.bco-dmo.org/deployment/58206</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2005-02-01
<b>End Date</b>	2005-02-25
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0503**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58207">https://www.bco-dmo.org/deployment/58207</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2005-03-04
<b>End Date</b>	2005-04-21
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL0505**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57671">https://www.bco-dmo.org/deployment/57671</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2005-05-22
<b>End Date</b>	2005-06-07

**AL0507**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57672">https://www.bco-dmo.org/deployment/57672</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2005-08-12
<b>End Date</b>	2005-08-24

#### AL0508

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58210">https://www.bco-dmo.org/deployment/58210</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2005-09-07
<b>End Date</b>	2005-11-04
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0509

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57673">https://www.bco-dmo.org/deployment/57673</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2005-11-03
<b>End Date</b>	2005-11-17

#### AL0602

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58211">https://www.bco-dmo.org/deployment/58211</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2006-02-08
<b>End Date</b>	2006-03-02
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0603

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58212">https://www.bco-dmo.org/deployment/58212</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2006-03-08
<b>End Date</b>	2006-04-19
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0605

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57675">https://www.bco-dmo.org/deployment/57675</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2006-06-07
<b>End Date</b>	2006-06-14
<b>Description</b>	NOAA EcoMon (Ecosystems Monitoring) cruise collecting zooplankton for CMarZ

#### AL0607

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57676">https://www.bco-dmo.org/deployment/57676</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2006-08-16
<b>End Date</b>	2006-08-30
<b>Description</b>	NOAA EcoMon (Ecosystems Monitoring) cruise collecting zooplankton for CMarZ

#### AL0608

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58215">https://www.bco-dmo.org/deployment/58215</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2006-09-06
<b>End Date</b>	2006-10-26
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0702

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58217">https://www.bco-dmo.org/deployment/58217</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2007-02-07
<b>End Date</b>	2007-03-02
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0703

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58218">https://www.bco-dmo.org/deployment/58218</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2007-03-08
<b>End Date</b>	2007-04-28
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL0707

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58220">https://www.bco-dmo.org/deployment/58220</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	2007-09-06
<b>End Date</b>	2007-11-01
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL7702

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58488">https://www.bco-dmo.org/deployment/58488</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL7802

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58489">https://www.bco-dmo.org/deployment/58489</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL7804

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58490">https://www.bco-dmo.org/deployment/58490</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL7807

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58225">https://www.bco-dmo.org/deployment/58225</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1978-06-24
<b>End Date</b>	1978-07-16
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL7903

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58491">https://www.bco-dmo.org/deployment/58491</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL7906



<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58226">https://www.bco-dmo.org/deployment/58226</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1979-06-17
<b>End Date</b>	1979-07-12
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL7911

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58227">https://www.bco-dmo.org/deployment/58227</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1979-10-03
<b>End Date</b>	1979-10-29
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL7913

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58228">https://www.bco-dmo.org/deployment/58228</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1979-11-15
<b>End Date</b>	1979-12-20
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8002

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58229">https://www.bco-dmo.org/deployment/58229</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1980-02-27
<b>End Date</b>	1980-03-25
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8003

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58492">https://www.bco-dmo.org/deployment/58492</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8010

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58230">https://www.bco-dmo.org/deployment/58230</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1980-09-26
<b>End Date</b>	1980-10-30
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8012

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58231">https://www.bco-dmo.org/deployment/58231</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1980-11-19
<b>End Date</b>	1980-12-21
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8101

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58232">https://www.bco-dmo.org/deployment/58232</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1981-02-18
<b>End Date</b>	1981-03-07
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8107

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58493">https://www.bco-dmo.org/deployment/58493</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8110

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58494">https://www.bco-dmo.org/deployment/58494</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8113

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58495">https://www.bco-dmo.org/deployment/58495</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8114**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58234">https://www.bco-dmo.org/deployment/58234</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1981-11-18
<b>End Date</b>	1981-12-21
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL8202**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58235">https://www.bco-dmo.org/deployment/58235</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1982-02-17
<b>End Date</b>	1982-03-23
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL8206**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58496">https://www.bco-dmo.org/deployment/58496</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8208**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58497">https://www.bco-dmo.org/deployment/58497</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8211**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58498">https://www.bco-dmo.org/deployment/58498</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8301**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58499">https://www.bco-dmo.org/deployment/58499</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8302**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58500">https://www.bco-dmo.org/deployment/58500</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8304

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58239">https://www.bco-dmo.org/deployment/58239</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1983-05-26
<b>End Date</b>	1983-06-21
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8307

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58501">https://www.bco-dmo.org/deployment/58501</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8308

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58502">https://www.bco-dmo.org/deployment/58502</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8402

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58503">https://www.bco-dmo.org/deployment/58503</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8403

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58240">https://www.bco-dmo.org/deployment/58240</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1984-05-09
<b>End Date</b>	1984-06-03
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8406

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58504">https://www.bco-dmo.org/deployment/58504</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8407

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58505">https://www.bco-dmo.org/deployment/58505</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8408

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58506">https://www.bco-dmo.org/deployment/58506</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8502

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58507">https://www.bco-dmo.org/deployment/58507</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8504

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58241">https://www.bco-dmo.org/deployment/58241</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1985-05-09
<b>End Date</b>	1985-06-04
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL8507

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58508">https://www.bco-dmo.org/deployment/58508</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8508

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58509">https://www.bco-dmo.org/deployment/58509</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8602**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58510">https://www.bco-dmo.org/deployment/58510</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8604**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58511">https://www.bco-dmo.org/deployment/58511</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8605**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58512">https://www.bco-dmo.org/deployment/58512</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8701**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58513">https://www.bco-dmo.org/deployment/58513</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8705**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58514">https://www.bco-dmo.org/deployment/58514</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8707**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58515">https://www.bco-dmo.org/deployment/58515</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**AL8802**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58516">https://www.bco-dmo.org/deployment/58516</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8807

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58517">https://www.bco-dmo.org/deployment/58517</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8809

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58518">https://www.bco-dmo.org/deployment/58518</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL8811

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58248">https://www.bco-dmo.org/deployment/58248</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1988-11-30
<b>End Date</b>	1988-12-09
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9203

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58250">https://www.bco-dmo.org/deployment/58250</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1992-03-03
<b>End Date</b>	1992-04-16
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9206

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58519">https://www.bco-dmo.org/deployment/58519</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL9208

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58520">https://www.bco-dmo.org/deployment/58520</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL9210

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58521">https://www.bco-dmo.org/deployment/58521</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL9211

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58252">https://www.bco-dmo.org/deployment/58252</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1992-09-09
<b>End Date</b>	1992-10-28
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9302

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58522">https://www.bco-dmo.org/deployment/58522</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL9303

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58253">https://www.bco-dmo.org/deployment/58253</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1993-02-04
<b>End Date</b>	1993-02-26
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9304

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58254">https://www.bco-dmo.org/deployment/58254</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1993-03-09
<b>End Date</b>	1993-04-30
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.



**AL9409**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58260">https://www.bco-dmo.org/deployment/58260</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1994-09-07
<b>End Date</b>	1994-10-27
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL9501**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58261">https://www.bco-dmo.org/deployment/58261</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1995-01-09
<b>End Date</b>	1995-01-15
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL9503**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58263">https://www.bco-dmo.org/deployment/58263</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1995-02-08
<b>End Date</b>	1995-03-02
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL9504**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58264">https://www.bco-dmo.org/deployment/58264</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1995-03-07
<b>End Date</b>	1995-04-26
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL9507**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58265">https://www.bco-dmo.org/deployment/58265</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1995-06-20
<b>End Date</b>	1995-06-30
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**AL9509**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58266">https://www.bco-dmo.org/deployment/58266</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1995-07-25
<b>End Date</b>	1995-08-05
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9510

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58267">https://www.bco-dmo.org/deployment/58267</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1995-08-15
<b>End Date</b>	1995-08-25
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9512

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58268">https://www.bco-dmo.org/deployment/58268</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1995-09-06
<b>End Date</b>	1995-10-24
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9603

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58271">https://www.bco-dmo.org/deployment/58271</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1996-02-06
<b>End Date</b>	1996-02-28
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9604

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58272">https://www.bco-dmo.org/deployment/58272</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1996-03-06
<b>End Date</b>	1996-04-29
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9609

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58275">https://www.bco-dmo.org/deployment/58275</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1996-07-31
<b>End Date</b>	1996-08-26
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9611

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58277">https://www.bco-dmo.org/deployment/58277</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1996-09-10
<b>End Date</b>	1996-10-31
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9702

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58278">https://www.bco-dmo.org/deployment/58278</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1997-01-28
<b>End Date</b>	1997-01-31
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9703

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58279">https://www.bco-dmo.org/deployment/58279</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1997-02-04
<b>End Date</b>	1997-02-26
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9704

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58280">https://www.bco-dmo.org/deployment/58280</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1997-03-04
<b>End Date</b>	1997-04-23
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9706

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58523">https://www.bco-dmo.org/deployment/58523</a>
<b>Platform</b>	R/V Albatross IV
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AL9709

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58282">https://www.bco-dmo.org/deployment/58282</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1997-07-22
<b>End Date</b>	1997-08-17
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9711

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58283">https://www.bco-dmo.org/deployment/58283</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1997-09-09
<b>End Date</b>	1997-10-30
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9802

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58284">https://www.bco-dmo.org/deployment/58284</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1998-01-25
<b>End Date</b>	1998-01-28
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9803

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58285">https://www.bco-dmo.org/deployment/58285</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1998-02-08
<b>End Date</b>	1998-02-27
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9804

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58286">https://www.bco-dmo.org/deployment/58286</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1998-03-03
<b>End Date</b>	1998-04-20
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9807

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58287">https://www.bco-dmo.org/deployment/58287</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1998-05-27
<b>End Date</b>	1998-06-11
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9811

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58289">https://www.bco-dmo.org/deployment/58289</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1998-09-22
<b>End Date</b>	1998-11-10
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9902

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58290">https://www.bco-dmo.org/deployment/58290</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1999-02-02
<b>End Date</b>	1999-02-24
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9903

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58291">https://www.bco-dmo.org/deployment/58291</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1999-03-03
<b>End Date</b>	1999-03-30
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9910

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58296">https://www.bco-dmo.org/deployment/58296</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1999-09-21
<b>End Date</b>	1999-11-10
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AL9911

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58297">https://www.bco-dmo.org/deployment/58297</a>
<b>Platform</b>	R/V Albatross IV
<b>Start Date</b>	1999-11-14
<b>End Date</b>	1999-11-22
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AM0301

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58298">https://www.bco-dmo.org/deployment/58298</a>
<b>Platform</b>	R/V Argo M
<b>Start Date</b>	2003-08-20
<b>End Date</b>	2003-08-28
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AM9101

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58524">https://www.bco-dmo.org/deployment/58524</a>
<b>Platform</b>	R/V Argo M
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### AR7701

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58300">https://www.bco-dmo.org/deployment/58300</a>
<b>Platform</b>	R/V Argus
<b>Start Date</b>	1977-10-18
<b>End Date</b>	1977-11-09
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AR7804

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58301">https://www.bco-dmo.org/deployment/58301</a>
<b>Platform</b>	R/V Argus
<b>Start Date</b>	1978-04-18
<b>End Date</b>	1978-05-19
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### AV9401

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58525">https://www.bco-dmo.org/deployment/58525</a>
<b>Platform</b>	R/V Advance II
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### BE7801

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58302">https://www.bco-dmo.org/deployment/58302</a>
<b>Platform</b>	R/V Belogorsk
<b>Start Date</b>	1978-08-12
<b>End Date</b>	1978-09-04
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### BE7803

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58303">https://www.bco-dmo.org/deployment/58303</a>
<b>Platform</b>	R/V Belogorsk
<b>Start Date</b>	1978-10-06
<b>End Date</b>	1978-10-22
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### BE7804

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58304">https://www.bco-dmo.org/deployment/58304</a>
<b>Platform</b>	R/V Belogorsk
<b>Start Date</b>	1978-11-16
<b>End Date</b>	1978-11-17
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### BE7901

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58305">https://www.bco-dmo.org/deployment/58305</a>
<b>Platform</b>	R/V Belogorsk
<b>Start Date</b>	1979-08-12
<b>End Date</b>	1979-09-02
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

### BE7903

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58526">https://www.bco-dmo.org/deployment/58526</a>
<b>Platform</b>	R/V Belogorsk
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

### BE7905

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58527">https://www.bco-dmo.org/deployment/58527</a>
<b>Platform</b>	R/V Belogorsk
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

### DE0006

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58306">https://www.bco-dmo.org/deployment/58306</a>
<b>Platform</b>	R/V Delaware II
<b>Start Date</b>	2000-05-23
<b>End Date</b>	2000-06-08
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

### DE0105

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58312">https://www.bco-dmo.org/deployment/58312</a>
<b>Platform</b>	R/V Delaware II
<b>Start Date</b>	2001-05-30
<b>End Date</b>	2001-06-06
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

### DE0210



<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57661">https://www.bco-dmo.org/deployment/57661</a>
<b>Platform</b>	R/V Delaware II
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0305/#tbl">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0305/#tbl</a>
<b>Start Date</b>	2002-10-29
<b>End Date</b>	2002-11-14
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

#### DE0301

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57662">https://www.bco-dmo.org/deployment/57662</a>
<b>Platform</b>	R/V Delaware II
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0412/#tab">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0412/#tab</a>
<b>Start Date</b>	2003-01-23
<b>End Date</b>	2003-01-31
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

#### DE0302

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58319">https://www.bco-dmo.org/deployment/58319</a>
<b>Platform</b>	R/V Delaware II
<b>Start Date</b>	2003-02-06
<b>End Date</b>	2003-03-01
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### DE0303

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58320">https://www.bco-dmo.org/deployment/58320</a>
<b>Platform</b>	R/V Delaware II
<b>Start Date</b>	2003-03-06
<b>End Date</b>	2003-04-27
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### DE0305

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/57663">https://www.bco-dmo.org/deployment/57663</a>
<b>Platform</b>	R/V Delaware II
<b>Report</b>	<a href="http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0412/">http://www.nefsc.noaa.gov/nefsc/publications/crd/crd0412/</a>
<b>Start Date</b>	2003-05-24
<b>End Date</b>	2003-05-29
<b>Description</b>	NOAA EcoMon survey (Ecosystems Monitoring) cruise

**DL0501**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58535">https://www.bco-dmo.org/deployment/58535</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL0602**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58536">https://www.bco-dmo.org/deployment/58536</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL0616**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58537">https://www.bco-dmo.org/deployment/58537</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL0701**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58538">https://www.bco-dmo.org/deployment/58538</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL0706**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58539">https://www.bco-dmo.org/deployment/58539</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL0709**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58540">https://www.bco-dmo.org/deployment/58540</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL0711**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58541">https://www.bco-dmo.org/deployment/58541</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL7703**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58542">https://www.bco-dmo.org/deployment/58542</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL7705**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58543">https://www.bco-dmo.org/deployment/58543</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL7707**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58544">https://www.bco-dmo.org/deployment/58544</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL7802**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58545">https://www.bco-dmo.org/deployment/58545</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL7903**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58546">https://www.bco-dmo.org/deployment/58546</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL7904**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58547">https://www.bco-dmo.org/deployment/58547</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL7905**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58548">https://www.bco-dmo.org/deployment/58548</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8002**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58549">https://www.bco-dmo.org/deployment/58549</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8003**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58550">https://www.bco-dmo.org/deployment/58550</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8102**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58551">https://www.bco-dmo.org/deployment/58551</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8103**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58552">https://www.bco-dmo.org/deployment/58552</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8104**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58553">https://www.bco-dmo.org/deployment/58553</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8105**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58554">https://www.bco-dmo.org/deployment/58554</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8106**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58555">https://www.bco-dmo.org/deployment/58555</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8202**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58556">https://www.bco-dmo.org/deployment/58556</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8203**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58557">https://www.bco-dmo.org/deployment/58557</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8205**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58558">https://www.bco-dmo.org/deployment/58558</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8209**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58559">https://www.bco-dmo.org/deployment/58559</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8301**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58560">https://www.bco-dmo.org/deployment/58560</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8302**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58561">https://www.bco-dmo.org/deployment/58561</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8307**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58562">https://www.bco-dmo.org/deployment/58562</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8309**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58563">https://www.bco-dmo.org/deployment/58563</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8401**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58564">https://www.bco-dmo.org/deployment/58564</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8406**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58565">https://www.bco-dmo.org/deployment/58565</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8409**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58566">https://www.bco-dmo.org/deployment/58566</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8501**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58567">https://www.bco-dmo.org/deployment/58567</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8503**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58568">https://www.bco-dmo.org/deployment/58568</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8507**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58569">https://www.bco-dmo.org/deployment/58569</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8508**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58570">https://www.bco-dmo.org/deployment/58570</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8510**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58571">https://www.bco-dmo.org/deployment/58571</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8601**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58572">https://www.bco-dmo.org/deployment/58572</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8603**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58573">https://www.bco-dmo.org/deployment/58573</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8604**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58574">https://www.bco-dmo.org/deployment/58574</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8607**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58575">https://www.bco-dmo.org/deployment/58575</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8608**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58576">https://www.bco-dmo.org/deployment/58576</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8610**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58577">https://www.bco-dmo.org/deployment/58577</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8701**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58578">https://www.bco-dmo.org/deployment/58578</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8703**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58579">https://www.bco-dmo.org/deployment/58579</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8704**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58580">https://www.bco-dmo.org/deployment/58580</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8708**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58581">https://www.bco-dmo.org/deployment/58581</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8710**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58582">https://www.bco-dmo.org/deployment/58582</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8801**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58583">https://www.bco-dmo.org/deployment/58583</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.



**DL8812**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58584">https://www.bco-dmo.org/deployment/58584</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8901**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58585">https://www.bco-dmo.org/deployment/58585</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8902**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58586">https://www.bco-dmo.org/deployment/58586</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8906**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58587">https://www.bco-dmo.org/deployment/58587</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8907**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58588">https://www.bco-dmo.org/deployment/58588</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL8909**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58589">https://www.bco-dmo.org/deployment/58589</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9001**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58590">https://www.bco-dmo.org/deployment/58590</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9003**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58591">https://www.bco-dmo.org/deployment/58591</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9004**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58592">https://www.bco-dmo.org/deployment/58592</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9011**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58593">https://www.bco-dmo.org/deployment/58593</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9012**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58594">https://www.bco-dmo.org/deployment/58594</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9014**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58595">https://www.bco-dmo.org/deployment/58595</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9101**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58596">https://www.bco-dmo.org/deployment/58596</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9103**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58597">https://www.bco-dmo.org/deployment/58597</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9110**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58598">https://www.bco-dmo.org/deployment/58598</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9111**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58599">https://www.bco-dmo.org/deployment/58599</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9113**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58600">https://www.bco-dmo.org/deployment/58600</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9201**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58601">https://www.bco-dmo.org/deployment/58601</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9202**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58602">https://www.bco-dmo.org/deployment/58602</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9203**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58603">https://www.bco-dmo.org/deployment/58603</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9212**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58604">https://www.bco-dmo.org/deployment/58604</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9214**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58605">https://www.bco-dmo.org/deployment/58605</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9301**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58606">https://www.bco-dmo.org/deployment/58606</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9302**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58607">https://www.bco-dmo.org/deployment/58607</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9304**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58608">https://www.bco-dmo.org/deployment/58608</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9311**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58609">https://www.bco-dmo.org/deployment/58609</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9312**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58610">https://www.bco-dmo.org/deployment/58610</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9314**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58611">https://www.bco-dmo.org/deployment/58611</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9401**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58612">https://www.bco-dmo.org/deployment/58612</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9402**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58613">https://www.bco-dmo.org/deployment/58613</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9403**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58614">https://www.bco-dmo.org/deployment/58614</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9405**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58615">https://www.bco-dmo.org/deployment/58615</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9410**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58616">https://www.bco-dmo.org/deployment/58616</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9710**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58617">https://www.bco-dmo.org/deployment/58617</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9813**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58618">https://www.bco-dmo.org/deployment/58618</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9901**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58619">https://www.bco-dmo.org/deployment/58619</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**DL9905**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58620">https://www.bco-dmo.org/deployment/58620</a>
<b>Platform</b>	R/V Delta Mar
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**EK8001**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58621">https://www.bco-dmo.org/deployment/58621</a>
<b>Platform</b>	R/V Ekliptika
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**EK8004**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58622">https://www.bco-dmo.org/deployment/58622</a>
<b>Platform</b>	R/V Ekliptika
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**EK8006**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58623">https://www.bco-dmo.org/deployment/58623</a>
<b>Platform</b>	R/V Ekliptika
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**GO7701**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58624">https://www.bco-dmo.org/deployment/58624</a>
<b>Platform</b>	R/V Gosnold
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**GY8507**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58625">https://www.bco-dmo.org/deployment/58625</a>
<b>Platform</b>	R/V Gyre
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**IS9701**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58626">https://www.bco-dmo.org/deployment/58626</a>
<b>Platform</b>	R/V Isabel-S
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**IS9801**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58457">https://www.bco-dmo.org/deployment/58457</a>
<b>Platform</b>	R/V Isabel-S
<b>Start Date</b>	1998-08-22
<b>End Date</b>	1998-09-01
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**IS9901**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58458">https://www.bco-dmo.org/deployment/58458</a>
<b>Platform</b>	R/V Isabel-S
<b>Start Date</b>	1999-08-21
<b>End Date</b>	1999-09-02
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

**KE7711**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58627">https://www.bco-dmo.org/deployment/58627</a>
<b>Platform</b>	F/V Karen Elizabeth
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**KE8103**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58628">https://www.bco-dmo.org/deployment/58628</a>
<b>Platform</b>	F/V Karen Elizabeth
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**KT9503**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58629">https://www.bco-dmo.org/deployment/58629</a>
<b>Platform</b>	F/V Katahdin
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

**MC9501**

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58630">https://www.bco-dmo.org/deployment/58630</a>
<b>Platform</b>	R/V Marion C
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### MM7701

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58631">https://www.bco-dmo.org/deployment/58631</a>
<b>Platform</b>	R/V Mount Mitchell
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### MM7711

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58464">https://www.bco-dmo.org/deployment/58464</a>
<b>Platform</b>	R/V Mount Mitchell
<b>Start Date</b>	1977-11-12
<b>End Date</b>	1977-11-18
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### NO7702

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58632">https://www.bco-dmo.org/deployment/58632</a>
<b>Platform</b>	R/V Nogliki
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### NP9901

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58466">https://www.bco-dmo.org/deployment/58466</a>
<b>Platform</b>	R/V Nordic Pride
<b>Start Date</b>	1999-11-06
<b>End Date</b>	1999-11-11
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### NS0201

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58633">https://www.bco-dmo.org/deployment/58633</a>
<b>Platform</b>	F/V Nobska
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### PE9602



<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58473">https://www.bco-dmo.org/deployment/58473</a>
<b>Platform</b>	R/V Pelican
<b>Start Date</b>	2006-06-01
<b>End Date</b>	2006-06-14
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### WI7804

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58634">https://www.bco-dmo.org/deployment/58634</a>
<b>Platform</b>	R/V Wieczno
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### WI7903

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58635">https://www.bco-dmo.org/deployment/58635</a>
<b>Platform</b>	R/V Wieczno
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### WI8002

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58478">https://www.bco-dmo.org/deployment/58478</a>
<b>Platform</b>	R/V Wieczno
<b>Start Date</b>	1980-02-20
<b>End Date</b>	1980-03-10
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

#### WI8601

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58636">https://www.bco-dmo.org/deployment/58636</a>
<b>Platform</b>	R/V Wieczno
<b>Description</b>	This was a survey cruise collecting biological samples (as well as other data) and was part of an ongoing oceanographic data collection project.

#### YU7702

<b>Website</b>	<a href="https://www.bco-dmo.org/deployment/58479">https://www.bco-dmo.org/deployment/58479</a>
<b>Platform</b>	R/V Yubileiniy
<b>Start Date</b>	1977-07-31
<b>End Date</b>	1977-09-01
<b>Description</b>	This was a survey cruise collecting oceanographic profile (hydrography) data (as well as other data) and was part of the ongoing oceanographic data collection project.

## Project Information

### EcoMon Zooplankton (EcoMon Zooplankton)

**Coverage:** East Coast of the United States

Zooplankton data collected during several science programs including ICNAF, MARMAP, HERRING, ECOMON, and EcoMon. The purpose was to collect and count zooplankton along the east coast of the United States.

## Program Information

### National Marine Fisheries Service / Northeast Fisheries Science Center (NMFS/NEFSC)

**Website:** <http://www.nefsc.noaa.gov/history/nefsc.html>

**Coverage:** U.S. Continental Shelf

The [Northeast Fisheries Science Center](#) is the research arm of NOAA Fisheries in the Northeast region. The Center plans, develops, and manages a multidisciplinary program of basic and applied research to: (1) better understand living marine resources of the Northeast Continental Shelf Ecosystem from the Gulf of Maine to Cape Hatteras, and the habitat quality essential for their existence and continued productivity; and (2) describe and provide to management, industry, and the public, options for the conservation and utilization of living marine resources, and for the restoration and maintenance of marine environmental quality.

The functions are carried out through the coordinated efforts of research facilities located in Massachusetts, Rhode Island, Connecticut, New Jersey, and Washington, DC.

[NOAA's National Marine Fisheries Service](#) is the federal agency, a division of the Department of Commerce, responsible for the stewardship of the nation's living marine resources and their habitat. NOAA's National Marine Fisheries Service is responsible for the management, conservation and protection of living marine resources within the United States' Exclusive Economic Zone (water three to 200 mile offshore). Using the tools provided by the Magnuson-Stevens Act, NOAA's National Marine Fisheries Service assesses and predicts the status of fish stocks, ensures compliance with fisheries regulations and works to reduce wasteful fishing practices. Under the Marine Mammal Protection Act and the Endangered Species Act, NOAA's National Marine Fisheries Service recovers protected marine species (i.e. whales, turtles) without unnecessarily impeding economic and recreational opportunities. With the help of the six regional offices and eight councils, NOAA's National Marine Fisheries Service is able to work with communities on fishery management issues. NOAA's National Marine Fisheries Service works to promote sustainable fisheries and to prevent lost economic potential associated with overfishing, declining species and degraded habitats. NOAA's National Marine Fisheries Service strives to balance competing public needs.

[National Oceanic and Atmospheric Administration \(NOAA\)](#) is an agency that enriches life through science. Our reach goes from the surface of the sun to the depths of the ocean floor as we work to keep citizens informed of the changing environment around them.

From daily weather forecasts, severe storm warnings and climate monitoring to fisheries management, coastal restoration and supporting marine commerce, NOAA's products and services support economic vitality and affect more than one-third of America's gross domestic product. NOAA's dedicated scientists use cutting-edge research and high-tech instrumentation to provide citizens, planners, emergency managers and other decision makers with reliable information they need when they need it.

NOAA's roots date back to 1807, when the Nation's first scientific agency, the Survey of the Coast, was established. Since then, NOAA has evolved to meet the needs of a changing country. NOAA maintains a presence in every state and has emerged as an international leader on scientific and environmental matters.

NOAA's mission touches the lives of every American and we are proud of our role in protecting life and property and conserving and protecting natural resources.

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## Funding

Funding Source	Award
NMFS/Northeast Fisheries Science Center (NOAA NEFSC)	<a href="#">unknown EcoMon Zooplankton NOAA NEFSC</a>

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