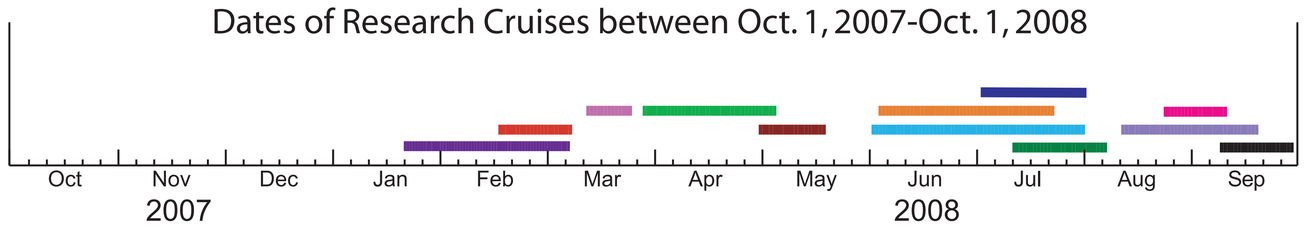
Hydrographic Cruises in the Bering Sea in 2008

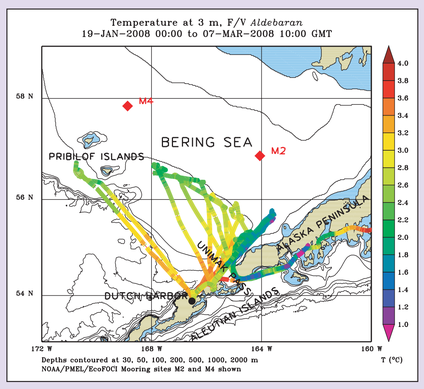
Nancy Kachel [1]
Peggy Sullivan [1]
David Strausz [2]

David Kachel [2]
Carol DeWitt [2]
Phyllis Stabeno [2]

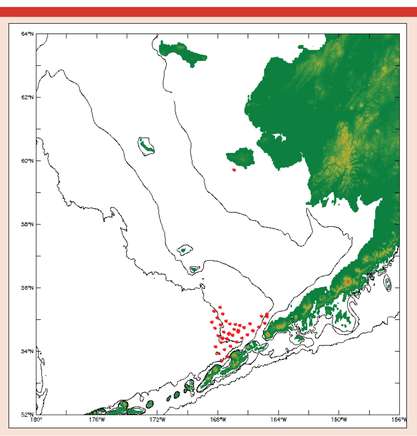
1 EcoFOCI and JISAO, U. Washington, Box 354925, U. Washington, Seattle, WA 98195
2 EcoFOCI /NOAA, 7600 Sand Point Way NE, Seattle, WA 98115

Dates of Research Cruises between Oct. 1, 2007-Oct. 1, 2008



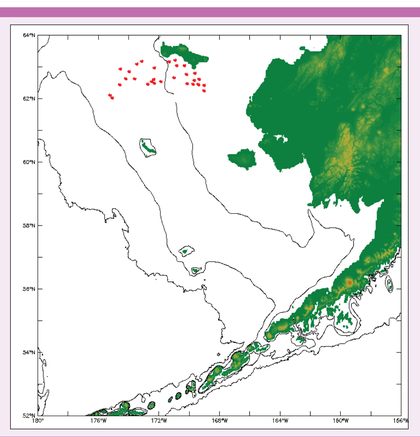


F/V Aldebaran
Jan 20 – March 7, 2008
Capt. G. Sullivan & J. Boddington
Contact: Ned Cokelet
Objectives: Pollock fishing, season A;
hydrographic data (underway temp/ and salinity).

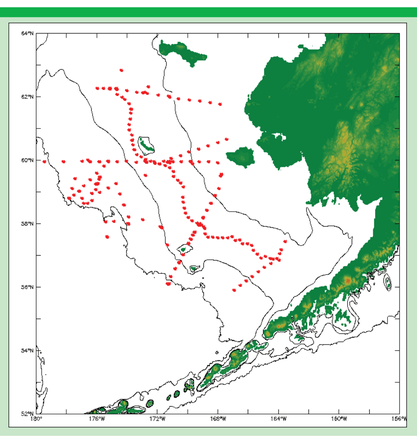


NOAA Miller Freeman, MF08-02, leg 1
February 17-27,2008
Janet Duffy-Anderson
Objectives: bottom trawl sampling to collect ripe adult Greenland halibut;
bongo tows for ichthyoplankton survey;
hydrographic data (45 SeaCAT tows, underway data).

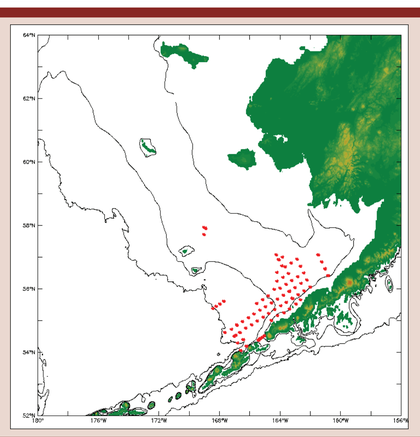
NOAA Miller Freeman, MF08-02, leg 2
Feb. 29 -March 9, 2008
Chief Scientist: Carol Dewitt
Objectives: recovery and deployment of moorings;
hydrographic data (41 CTD casts underway data).



USCGC Healy,1H0801
Mar 13-26, 2008
Chief Scientist: Lee W. Cooper
Objectives: Investigate patch dynamics of apex predators, specifically walrus;
the distribution of food supplies on the sea floor;
bird and mammal observations;
Ice Stations (5 plus daylight ice observations);
hydrographic data (30 CTD stations, underway data).

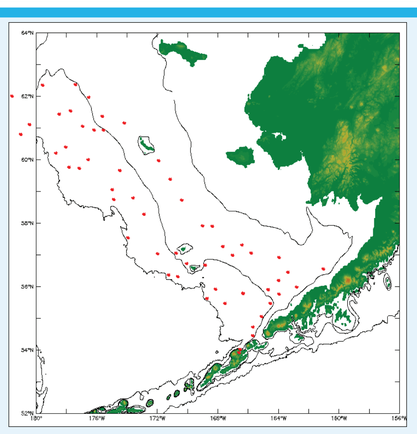


USCGC Healy, 1H0802
Mar 29 - May 6, 2008
Chief Scientist: Carin Ashjian (E. Lessard)
Objectives: Investigated lower trophic levels of the ecosystem under
varying conditions of ice cover;
Process Stations (17);
Ice Stations (14 plus daylight ice observations);
bird and mammal observations; acoustic survey;
hydrographic data (241 CTD casts at 184 stations, underway data).

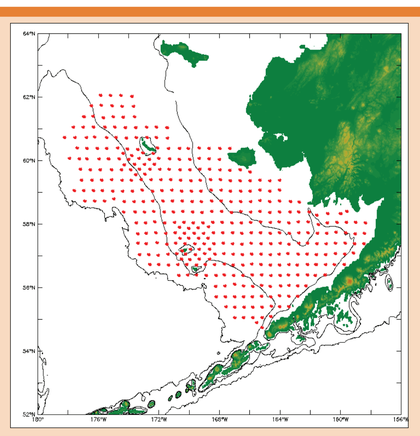


NOAA Oscar Dyson, DY08-06
May 1-10, 2008
Chief Scientist: William Floering
Objectives: recovery and deployment of moorings;
zooplankton sampling using bongo and CalVET tows;
hydrographic data (20 CTD casts, underway data).

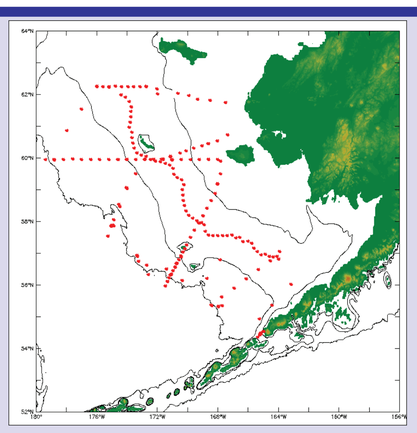
NOAA Oscar Dyson, DY08-07
May 11-20, 2008
Chief Scientist: Jeffrey Napp
Objectives: Late larval survey of ichthyoplankton and zooplankton;
hydrographic data (72 SeaCat casts, 19 CTD casts, underway data).



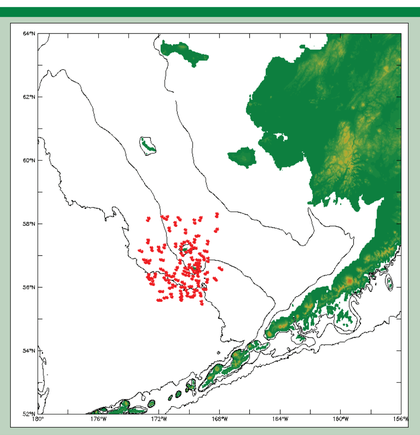
NOAA Oscar Dyson, DY08-09
June 2 - July 31, 2008
Chief Scientists: T.Honkalehto and N.Williamson
Objectives: Acoustic survey; mid-water and bottom trawling;
night-time BSIERP work included CTDs, XBTS
and 10 Methot tows for TS-modeling project;
hydrographic data (62 CTD casts, 92 XBT drops, underway data).



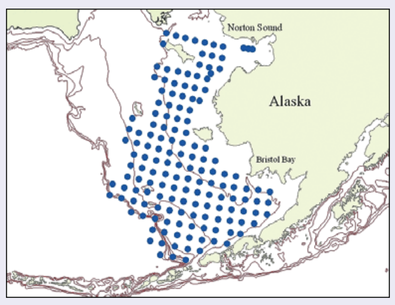
Two Fishing Vessels: F/V Aldebaran and F/V Arcturus
June 4 - July 24, 2008
F/V Aldebaran with Capt. G. Sullivan & J. Boddington
F/V Arcturus with Capt. N. Bakken
Contact: Ned Cokelet
Objectives: Bottom trawl survey;
hydrographic data (underway temperature and salinity).



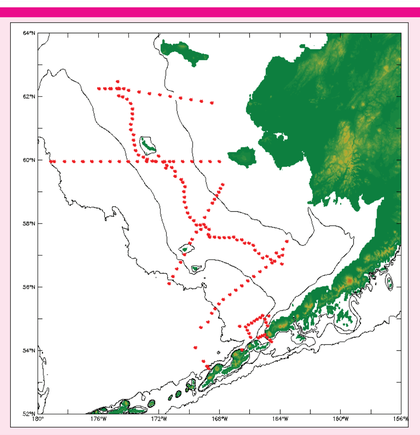
USCGC Healy, 1H0803
July 3-31, 2008
Chief Scientist: Ray Sambrotto
Objectives: Characterize the seasonal evolution of the nutrients, iron,
phytoplankton, zooplankton and icthyoplankton in summer;
bird and mammal observations;
moorings (12 deployments);
hydrographic data (222 CTD casts at 177 stations, underway data).



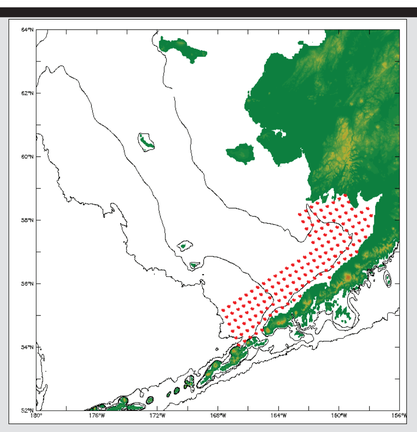
F/V Frosti
July 12-August 8, 2008
Chief Scientist: Kelly Benoit-Bird
Objectives: Patch Dynamics Cruise; acoustic sampling;
net tows; birds and mammals observations;
hydrographic data (2 CTD casts). From cruise plan.



NOAA Ship Oscar Dyson, OD08010
August 12- September 20, 2008
Chief Scientist: Lisa Eisner
Objectives: Surface trawl survey
(BASIS, Bering-Aleutian Salmon International Survey);
hydrographic data (CTDs, SeaCAT tows, underway data).
From cruise plan.



R/V Melville, 8M0823
Aug. 23-Sept 11, 2008
Chief Scientist: Nancy Kachel
Objectives: Characterize late summer ecosystem
using hydrographic/bongo surveys;
moorings (6 recoveries, 2 deployments);
hydrographic data (170 CTD casts, SeaCAT on 99 tows, underway data).



NOAA Miller Freeman, MF08-10 leg 1
Sept.9-20, 2008
Chief Scientist: Janet Duffy-Anderson
Objectives: Survey ichthyoplankton and juvenile fish in thefall;
beam trawls and benthic sampling to assess settlement
and nursery areas for age-0 flatfishes;
hydrographic data (SeaCAT on all hauls,
CTDs at selected sites, underway data).
From cruise plan.

NOAA Miller Freeman, MF08-10 leg 2
Sept 21-30, 2008
Chief Scientist: Carol Dewitt
Objectives: Recovery and deployment of moorings;
hydrographic data (20 CTD casts at mooring sites, underway data).

Acknowledgements: Our thanks go to the officers and crews of the USCGC *Healy*, the NOAA Ships *Miller Freeman* and *Oscar Dyson*, the *R/V Melville*, and the fishing vessels *Aldebaran*, *Arcturus*, and *Frosti*. We also thank the many scientists who collected this data. Funding for this research was provided by the North Pacific Research Board (NPRB), the National Science Foundation (NSF), and the National Oceanic and Atmospheric Administration (NOAA).