



Collaborations

A monthly update of cooperative research news

January 2002

WHAT'S AHEAD FOR THE YEAR 2002?

This issue takes a look at what's ahead for cooperative research in 2002. We start by announcing the tentative awards for the most recent solicitation of cooperative research proposals under the NMFS/NEFMC program. According to Nick Anderson of the NMFS Office of Cooperative Programs Coordination, "These awards will not be considered final until they have been approved by the NOAA Grants Management Division in Silver Spring, MD." Approval is expected around March 2002.

This RFP drew 64 concept letters. Fifteen of the concept letter authors were invited to submit full proposals and seven of the full proposals were accepted.

Following the listing of the NMFS awards, we announce the recipients of the Northeast Consortium's Project Development Funds. See the research you can do with up to \$25,000 in funding!

Do YOU want to get a project in the water this year? Just a reminder: Planning letters for the Northeast Consortium's latest RFP are due January 9. Remember, too, that if you miss this deadline you are still welcome to submit a full proposal by the March 20, 2002 deadline. Visit www.northeastconsortium.org.

Development of A Fishermen-Designed Electronic Logbook System for the Northeast Multispecies Fishery

Dr. Andrew Rosenberg
UNIVERSITY OF NEW HAMPSHIRE

Captain Robert Hannah

\$67,658

Expanding the Use of the Sweepless Raised Footrope Trawl in Small-Mesh Whiting Fisheries

Arne Carr
MASSACHUSETTS DIVISION OF MARINE FISHERIES

(Fishermen Participants to be Determined)

\$60,113

Soft Species Separation System for the New England Multispecies Fishery

Dr. Pingguo He
UNIVERSITY OF NEW HAMPSHIRE

Captain Carl Bouchard

\$297,874

Monkfish Cooperative Research Project: Gillnet Survey and Study Fleet

Dr. David Pierce
MASSACHUSETTS DIVISION OF MARINE FISHERIES

Captain Peter Morse
Kevin Wark
Captain Timmy Danchese

\$290,445

On-Going Study Expansion - Smooth Bottom Net Trawl Fishing Gear Effect on the Seabed: Investigation of Temporal and Cumulative Effects

Frank Mirachi, F/V Kathleen A. Mirachi
John Ryther, CR Environmental
Dr. Barbara Hecker

\$212,785

A Collaborative Program to Assess Possible Temporal Access to Closed Area II: Targeting Yellowtail Flounder Without Significant Bycatch of Cod and Haddock

Dr. Chris Glass
MANOMET MARINE PROGRAM

Groundfish Group, Associated Fisheries of Maine

\$500,000

(Majority of expenses is expected to be for vessel fees, etc.)

Gulf of Maine Inshore Trawl Survey

George Lapointe

MAINE DEPARTMENT OF MARINE RESOURCES

\$332,454

(A large portion of expenditures is allocated for vessel contracting)

This is a continuation of a project initially funded by the Northeast Consortium.



WHAT RESEARCH CAN YOU DO WITH \$25,000?????

The following projects were awarded "**Project Development Funds**" this past September by the Northeast Consortium to encourage fishermen and researchers to try out new ideas for possible future development. Research addressing right whale entanglement was of particular interest and several successful projects came forward as a result of this competition.

Field Testing of Improved Pingers in the Sink Gillnet Fishery

Erik Anderson.....Phone: 603-431-1779
38 Georges Terrace andy42152@aol.com
Portsmouth, NH 03801

\$25,000

Developing a Computer Simulation Framework for Identifying an Optimal Fishery-Independent Survey Program for the Maine Sea Urchin Population

Yong Chen.....Phone: 207-581-4381
University of Maine ychen@maine.edu
225 Libby Hall
Orono, ME 04469

\$23,920

Development of a Breakaway Unit for Lobster Pot Vertical Float Lines

Eric deDoes.....Phone: 207-549-7204
Plante's Lobster Escape Vents, Inc. plantes@ctel.net
3628 Turner Ridge Road
Somerville, ME 04348

\$25,000

Preliminary Evaluation of Stretch-Mesh Catch Controls

Cliff Goudey.....Phone: 617-253-7079
Massachusetts Institute of Technology cgoudey@mit.edu
Building NE20-376, 3 Cambridge Center
Cambridge, MA 02139

\$25,000

**Use of Skin Biopsies to Characterize Contaminant Susceptibility
Genes in the North Atlantic Right Whale**

Mark Hahn..... Phone: 508-289-3242
Woods Hole Oceanographic Institution mhahn@whoi.edu
Department of Biology, MS #32
Woods Hole, MA 02543

\$24,938

**Development of a Hydrodynamic Cover for Conducting Experiments on
Selectivity of Trawl Codend Onboard Fishing Vessels**

Pingguo He.....Phone: 603-862-3154
University of New Hampshire pingguo.he@unh.edu
Room 142, Morse Hall
Durham, NH 03824

\$24,570

Industrial Training Workshop on Selectivity and Conservation during Trawling

Pingguo He.....Phone: 603-862-3154
University of New Hampshire pingguo.he@unh.edu
Room 142, Morse Hall
Durham, NH 03824

\$24,885

Atlantic Herring Stock Discreteness and Migration: A Codend Microwire Tagging Pilot Project in the Gulf of Maine

J. Kohl Kanwit.....Phone: 207-633-9535
Maine Dept. of Marine Resources kohl.kanwit@state.me.us
P.O. Box 8
West Boothbay Harbor, ME 04575

\$24,926

Use of Light and Illuminated Ropes to Prevent Right Whale Entanglement

Scott Kraus.....Phone: 617-973-5200
New England Aquarium
Central Wharf
Boston, MA 02110-3399

\$24,792

Operational Testing of a Low Strength Weak Link for Surface Buoys and a Knotless Line Fastener for Reducing the Risk and Consequences of Right Whale Entanglement

Scott MacKinnon..... Phone: 781-837-2685
53 Texas Street dwiley@cape.com
Marshfield, MA 02050

\$18,500

A Test of Baited Underwater Video as a Fisheries Assessment Tool

Allan Michael.....Phone: 978-525-2195
5 Field Road michael@cove.com
Gloucester, MA 02930

\$25,000

A Rope Robot for Right Whales

Michael Moore..... Phone: 508-289-3228
Woods Hole Oceanographic Institution mmoore@whoi.edu
Department of Biology, MS #33
Woods Hole, MA 02543

\$25,001

Gear Modification to Address Right Whale Entanglement

Gary Ostrom..... Phone: 508-362-5938
36 Sun Hill Road fvrarebird@aol.com
West Barnstable, MA 02668

\$25,000

TWO NEW RFPS'S!

The Deadlines are February 15, 2002

The **National Sea Grant Office** will publish two Federal Register notices soon announcing two sets of competitions. Check out their website at www.nsgo.seagrant.org/research/rfp/index.html.

The first is a **National Strategic Investment (NSI)** in Fisheries Habitat (bundled with Technology and Marine Environmental Biotechnology in the RFP). Large multi-investigator, multi-agency proposals are preferred and collaboration with NMFS researchers is encouraged. Pre-proposals are due February 15.

The second is the **Sea Grant Fellowships** including the NMFS-Sea Grant Joint Graduate Fellowship Program in Population Dynamics and Marine Resource Economics, which requires NMFS participation. Applications are due February 15.

COLLABORATIVE RESEARCH WORKSHOPS A SUCCESS



Fisherman **Vincent Balzano** of Saco, Maine (second from left) discusses research opportunities with researchers **Chris Glass** of Manomet, **Pingguo He** of UNH, and **Cliff Goudey** of MIT (left to right) at a recent workshop conducted by **Laura Singer** and **Don Perkins** of the Gulf of Maine Aquarium. Check out the Aquarium's www.fishresearch.org for a wealth of information on cooperative research!

RESEARCH SAFETY

In the chaos that often accompanies a crisis aboard a vessel, it may be difficult to get information to would-be rescuers. The attached form is provided for teaching ALL crewmembers how to make a distress call. We hope that you will laminate it and post it in a conspicuous location **ESPECIALLY** when you host crew who may not be familiar with emergency procedures or the equipment on your vessel. All crew also need to know how to operate the radio and how to report vessel location.

DISTRESS CALL PROCEDURE

Make sure your radio is on! Select VHF Channel **16** or 2182 KHz Single-Sideband.

Press the microphone button and say "**MAYDAY - MAYDAY - MAYDAY**"

Say, "**THIS IS** _____, _____, _____, **OVER.**"
Boat name Boat name Boat name

Release the microphone button briefly and listen for acknowledgement.

If no one answers, repeat last two steps.

If there is still no acknowledgement, or if the Coast Guard or another boat responds, say "**MAYDAY**

"_____
Boat name

Describe your **POSITION** _____ in Latitude and Longitude, Loran Co-ordinates, or Range and Bearing from a known point (making sure your listener is familiar with the area you are referring to).

State the **NATURE OF YOUR DISTRESS** _____.

Give the **NUMBER OF PERSONS ABOARD** and the nature of any **INJURIES**
_____.

Estimate the present **SEAWORTHINESS** of your boat _____.

Briefly describe your boat: Length _____, Color _____,

Hull Type _____, Trim _____, Masts _____, Power _____,

Any Other Distinguishing Features _____.

Say, "**I WILL BE LISTENING ON CHANNEL 16 (OR 2182)**"

End message by saying "**THIS IS** _____, **OVER.**"
Boat name

If your situation permits, stand by the radio to await further communication with the Coast Guard or another boat. Don't wait until it's too late to **DON YOUR SURVIVAL SUIT!**