

Thanks

We are grateful to all our donors for making last fall's rescue appeal and the recent year-end appeal record-breakers, raising over \$20,000 and \$31,000, respectively; and particularly to **Katharine Bachman, Frederick and Judith Buechner, Doug Dick** (our architect for the marine lab), **Martin and Linda Haspel**, the **Perini Family Foundation**, and **Bill and Mia Rossiter**.

The humpback whale program is always thankful for the ongoing generosity of **Feodor and Kirstin Pitcairn** and to the **Beneficia Foundation** for strong annual support. Also, thanks for a special gift from loyal supporter **Judy Scherzo**, who was so moved by the death of the humpback whale known as Beacon (see <http://www.coastalstudies.org/what-we-do/humpback-whales/Beacon.htm>) that she made a special pilgrimage to the site of the whale's stranding on Newcomb Hollow Beach in Wellfleet last year and wrote these words: *I was captivated by her plight. She was gazing out through sightless eyes at her unreachable home. I prayed that she had died at sea in a sheltering and supportive cradle of water; perhaps not alone but with her kind nearby offering comfort and loyalty.... And not in agony and fear... And not with final, frantic futile efforts to free herself.*

Thanks to the **Mary P. Dolciani Halloran Foundation** for important annual support to the Whale Rescue Emergency Fund.

MassSail was a great success in its first year and MassSail 2006 is already well-supported thanks to a major grant from the **Barr Foundation**, and grants from the **Cape Cod Five Cents Savings Bank Charitable Foundation Trust**, **Seamen's Long Point Charitable Foundation** and **TD Banknorth Charitable Foundation**.

The **Marshall Frankel Foundation** has provided a substantial grant for the start-up of the Cape Cod Bay Sanctuary program, now in the late planning stages. **James Murray** provided the Center a major discount on the sale of his vessel, *R/V Good Fortune*. And **Thomas Niles** made a gift of the entire purchase price.

We are grateful to the following individuals and organizations for their generous ongoing support for a number of causes, including the Ruth Hiebert Memorial Fellowship and the Cape Cod Bay Sanctuary Program: **Grace W. Allsop Foundation, John Burman** (our chair) and **Diana Stinson, Nancy J. Crown, Richard Danne, Carol Green** and the **Green Family Fund, John Lippincott, Martin Loftus, Mike Nader, Mary Oliver, Jean Pierce, John Pollis, Alix Ritchie** and **Marty Davis, David Ritchey, Seth Sprague Educational and Charitable Foundation, Nicholas Skinner, Jeffrey Sliter, Gregory Triandis** and **Jim Wansiewicz**.

Staff Notes

Gregory Krutzikowsky of Newport, Oregon will join the Center as its first full-time director of large whale disentanglement in April. Greg holds a master's degree in biological oceanography from Oregon State University, and has a lot of experience with satellite telemetry and marine mammal rescue. His last position was with the Hatfield Marine Science Center at Oregon State, where he was examining the effects of stressors on the health of juvenile salmon.

The right whale surveillance and habitat monitoring season began in January and welcomes newcomers **Denise Risch**, (B.S., Biology, Humboldt University, Berlin) and **Meribeth Ratzel**, (environmental science student at Cape Cod Community College). We are also delighted to welcome back **Dr. Amy Costa**, former habitat research assistant, who is working both the right whale season and then will continue on as an associate scientist with the new Cape Cod Bay Sanctuary Program. The program also welcomes back right whale aerial survey veterans **Phil Kibler** and **Cynthia Browning**. Lastly, but certainly not least, the program is ably coordinated by **Owen Nichols** (for the survey) and **Dave Osterberg** (for habitat), under the overall supervision of **Dr. Stormy Mayo** and **Dr. Nathalie Jaquet**.

We are sad to report the death of **Dorothy "Dorie" Bradley** last November at the age of 91. Many members who joined the Center on a whale watch or in our retail store may have encountered the petite lady with the platinum blonde ponytail, the coral lipstick and the joie de vivre. Dorie adored Provincetown and her summer job at the Center from 1995 through 2004. She will be deeply missed.

COASTWATCH

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2006 Provincetown Center for Coastal Studies

COVER PHOTO: *Science and education staff outside the new marine lab: Joanne Jarzowski, Nathalie Jaquet, Amy Costa, Cynthia Browning (kneeling, L to R); Brian Sharp, Stormy Mayo, Dave Osterberg, Meri Ratzel, Graham Giese, Denise Risch, Cathy Metzger, Peter Borrelli, Amy Kennedy, Jooke Robbins, Terri Smith (standing, L to R); Owen Nichols and Scott Landry (back row).*

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COASTWATCH

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PCCS founders
Stormy Mayo and
Graham Giese
bid adieu to 59
Commercial



Moving Day!

A permanent home
for marine science
in Provincetown



1976-2006 ~ Thirty Years of Discovery & Commitment

What's Wrong with this Picture?

by Peter Borrelli

A Cape Cod blogger who happens to be a local elected official recently suggested that the solution to Cape Cod's growing septic problem is to pump it into Cape Cod Bay. Several towns on Cape Cod and the Islands that have permitted development on the edge of steep, fragile dunes that are now falling into the sea are considering dredging huge volumes of sand in Cape Cod Bay and Nantucket Sound, while also permitting landowners to build more and more revetments. A company wants to build a liquefied natural gas facility on Outer Brewster Island in Boston Harbor, which is now part of a national park, while another LNG facility is proposed for prime fishing grounds near Gloucester. The American Petroleum Institute has resumed lobbying to reopen Georges Bank to oil and gas exploration. And let's not forget about Cape Wind, the nation's first offshore wind energy project and the largest in the world proposed for construction in the middle of Nantucket Sound, a body of water twice recommended as a national marine sanctuary. As for the region's only official national marine sanctuary on Stellwagen Bank, the government and user groups have now begun their second decade of quarreling and delaying action over its long-term management and protection. What's wrong with this picture?

It seems everyone is fighting over a piece of the ocean. Massachusetts Governor Mitt Romney has described the scene as "the Wild West." There have not been any shoot-outs, but the amount of trash talking going on between traditional allies in the environmental and public health organizations and even among regulators and resource managers is tragic.

Two national commissions have concluded that the underlying problem is that the nation has



no clear vision of how the oceans should be managed. What passes for public policy is a hodgepodge of single-purpose statutes draped over a framework of national security and economic interests. Underlying all this confusion is the widespread belief that the ocean belongs to private interests.

The Massachusetts Legislature is currently considering a bill (S. 2308) introduced by Senator Robert O'Leary that seeks to redress these ills. Ironically, O'Leary's district includes Cape Cod, the islands of Nantucket and Martha's Vineyard and most of Nantucket Sound --- but not the federal waters area in the middle of the Sound proposed for large-scale wind energy development. The bill instructs the state's secretary of environmental affairs to develop an ocean management plan for state waters based on six basic principles:

- *Fulfilling the state's public trust responsibilities. Unlike most of the land in the state ocean resources belong to the people of Massachusetts and are held in public trust by the state.*
- *Valuing and protecting the abundance and diversity of native species.*
- *Managing ocean resources in a manner that reflects the interdependence of ecosystems.*
- *Fostering sustainable uses of ocean resources, including fishing, energy production, recreation, and commerce.*
- *Using the best available information and expertise in making management decisions.*
- *Encouraging public involvement in the decision-making process.*

If the bill passes Massachusetts will become one of the first states in the country to attempt ocean planning,

although the U.S. is by no means a leader in the field. One pressing question is whether planning will yield greater protection, especially of fragile areas such as Cape Cod Bay, which is already recognized by Massachusetts state law as an ocean sanctuary and by the federal government as a critical habitat for right whales. The O'Leary legislation, for example, ignores one of the key recommendations of the U.S. Commission on Ocean Policy that ocean plans include the designation of marine protected areas, while providing a number of exemptions for development of "small scale renewable energy projects," even while the planning process is underway.

The O'Leary bill also fails to grasp the full meaning of ecosystem based management by limiting itself to waters within the state's three-mile limit of jurisdiction. Unfortunately, ecosystems do not conform to political boundaries. And the truth is that most of the conflicts over ocean use in the region are occurring in federal, not state waters. What is called for is legislation at the state and federal level that promotes cooperative management of local, state, and federal waters and interests. Such a management regime was recommended in 1980 for Nantucket Sound by the Commonwealth of Massachusetts, but ignored by the federal government. Ironically, almost the same management regime is now in place in the Florida Keys National Marine Sanctuary.

What is needed at this critical time is a broad ocean vision and commitment to work together both to protect and manage ocean resources. Creating that vision will first require the following:

- That those who use the ocean abandon the notion of ownership and entitlement;
- That regulators rely more heavily on science and the local knowledge of those who know the sea;
- That competing uses of ocean resources be resolved through a comprehensive and participatory planning process. ■

Roslyn Garfield, the Center's vice-chair and a longtime Provincetown resident, attorney and realtor said it best: "To acquire a 10,000-square-foot building in this town for \$800,000 is incredible."

The Center's long sought-after dream; the dream of its staff, board and supporters for a permanent home for marine science and education in Provincetown, became an official reality on January 19, when two moving trucks laden with 30 years worth of research files, photographs, lab equipment, curricula and the professional belongings of sixteen scientists, research assistants, educators, rescue team members, and naturalists made their way along the half-mile or so of narrow streets that led from the Center's first home, the 1850 Cape Cod cottage at 59 Commercial Street, to 5 Holway Avenue, the yet-to-be-named former school building built in the 1960's that had just undergone a remarkable transformation in readiness for the big day.

The short distance belied the reams of paperwork, proposals and RFP's; miles of red tape; frustrating and fruitless negotiations for other properties; and years of planning, scheming and dreaming it had taken the Center to accomplish the near-miracle of establishing a permanent, modern, well-equipped headquarters in Provincetown to fulfill the Board's ten-year vision for the Center's research and educational programs. Gone is the one leaky sink in the old habitat lab; gone are the cubby-holed workspaces; gone the one bathroom to serve two cramped buildings. Multiple sinks, spacious countertops and cabinets befitting an up-to-date lab; three handicapped-accessible restrooms; and spacious new offices have taken their place.

Although January 19 was moving day, LDa Architects of Cambridge and Acella Construction Corporation of Norwell were in the building on November 1, 2005, tearing out false

MOVING ON UP!

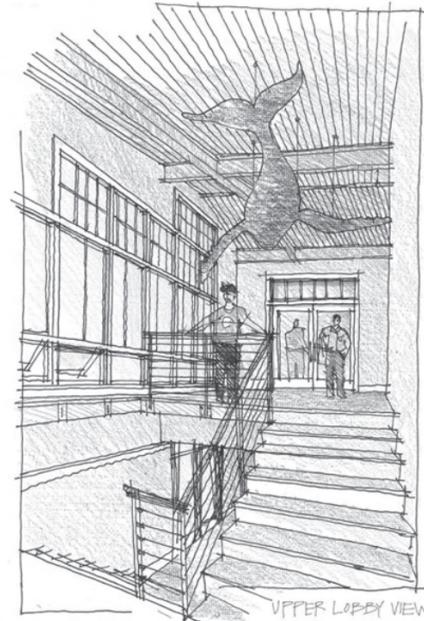
ceilings, tearing down walls, and working an extremely tight renovation schedule to complete Phase I of a three-phase renovation by January 15. LDa is an award-winning, progressive firm that specializes in educational and environmentally friendly projects, such as the Appalachian Mountain Club's Highland Center in Pinkham Notch, New Hampshire.

Twenty-five percent of the new lab building is being reserved for classroom and public space, an objective the Center shared with the building's seller, the Town of Provincetown. In most New England towns, that means that the townspeople themselves have a say in such matters through the custom of annual town meeting. And last April, by a nearly unanimous vote, they resoundingly approved keeping the Center in Provincetown.

Now that staff are for the most part comfortably installed in their workspaces, Phase II, which encompasses a brand-new roof, siding, and thermo-paned windows for the entire building, is well underway. Phase III, dependent upon the success of the Coastal Campaign (see box), will turn the building "green" with solar panels and geo-thermal

technology and finish off one of the building's outstanding features, an 850-square-foot marine library open to the public.

"Although the real estate transactions have proven to be extraordinarily complex, the Center is grateful for the cooperation of the school committee, board of selectmen and town manager for making this possible," said Peter Borrelli. ■



The Coastal Campaign

On the eve of its 30th Anniversary, the Center kicked off a \$3.5 million dollar capital campaign, the Coastal Campaign, to fund the new marine lab and to raise \$1 million towards the establishment of its first-ever endowment for research, conservation and education programs. Lead gifts from the Green Family Fund, the Ruth L. Hiebert Charitable Foundation, and the Pegasus Foundation launched the campaign. Thomas Niles of Cambridge underwrote the cost of the new coastal geology and ecology lab (and also underwrote the Center's purchase of its newest vessel, the *RV Good Fortune*, dedicated for use in the Cape Cod Bay Sanctuary Program). The Center also extends its thanks to the following Coastal Campaign donors: Edward McC. Blair, Jeanne L. Bultman, Eleanor Brown, Samuel Graybill, Harvey Hollander, Walter Phillips and Jaye R. Phillips, Michael Prodanou and Constantine Manos, Alix Ritchie and Marty Davis, Lillian Oxtoby, Susan Ronnlund, Albert and Martha Santoro, Cecile Schwartzman and Mr. and Mrs. Paul C. Troy. For more information on the Coastal Campaign, or to see a prospectus, please contact Director of Communications Theresa Barbo at: (508) 487-3622 x107, or by email at ccsmedia@coastalstudies.org ■

Setting sail for new horizons



Ethel Kennedy guides the Spirit through Nantucket Sound

Just as it finds a new home for itself at the marine lab, the Center's educational division finds itself with a new director and exciting changes coming up in its programming for 2006.

Joanne M. Jarzowski, in her new role as marine education director, has developed a challenging curriculum for an expanded second year of MassSail aboard the 125-foot schooner Spirit of Massachusetts. Included are a variety of educational programs featuring a two-week college course for high school students and undergrads; one-week marine mammal and seafaring adventures for 13- to 16-year-olds; eight programs custom-designed for towns and cities throughout the Massachusetts coastline; and a special weeklong celebration of Nantucket Sound, co-sponsored by the Alliance to Protect Nantucket Sound.

"Spirit will be sailing MassSail programs for nearly 100 days this summer. The second season of

of specialized trips departing from Provincetown and Boston to explore the Stellwagen Bank National Marine Sanctuary, Cape Cod Bay, the Great South Channel, and Nantucket.

The standard three-to-four hour whale watch will be enhanced to include an introduction to research techniques and the use of electronic equipment. There will also be all-day ecological tours for more experienced amateur naturalists interested in marine mammals, seabirds, and marine exploration; and overnight trips to Nantucket. Working with Center naturalists, Portuguese Princess will also offer special tours for school groups designed to meet the requirements of the Massachusetts curriculum frameworks.

Executive Director Peter Borrelli said of the collaboration, "Whale-watching, seal-watching, and bird-watching should be fun and awe inspiring, but at the end of the trip, if our passengers are not spiritually and politically energized, we have failed as educators." ■

Save the harbor, save the bay, save the bank

This is your chance to have a say when two important public policy initiatives undergo public and legislative review this spring.

The first are the public hearings on the revised management plan for the Gerry E. Studts-Stellwagen Bank National Marine Sanctuary. At issue are determinations on such environmentally critical realities as shipping lanes through large whale habitat and the effects of non-regulated whale watching.

In evolutionary terms, the whale species of Stellwagen Bank enjoyed relative peace and quiet for thousands of years before human beings arrived—first in sailing ships, then in fishing schooners, then steam-operated vessels, then in gigantic steel ships and 100-foot long whale watch boats, and finally, in aircraft overhead. The result is an un underwater environment filled

with noise, boat bottoms, fishing gear, even shadows from planes overhead; that present a veritable obstacle course for animals programmed to behave in certain ways for undisturbed eons.

Executive Director Peter Borrelli made a motion at its January meeting to "recommend that SBNMS consult with the appropriate agencies (NOAA Fisheries and the United States Coast Guard) to examine the options to take emergency action for speed restrictions for right whales for the 2006 season." The motion passed and is under review.

You can let your voice be heard by contacting the sanctuary at stellwagen@noaa.gov to request that you be put on its mailing list for the schedule of public hearings.

Meanwhile, next door to Boston on one of the gateway islands into Boston Harbor, the largest liquid natural

gas (LNG) facility in the nation may become a reality on Outer Brewster Island if the Massachusetts legislature passes a bill permitting the state's conservation agency to lease the island for this specific commercial use, an act completely contrary to Outer Brewster's designation as a crucial habitat and nursery for fin fish and lobster and one of the jewels of the Boston Harbor Islands, themselves a national recreation area and state park.

The Center has gone on record along with Save the Harbor/Save the Bay to oppose any sale or lease of Outer Brewster Island for use as an LNG terminal. You may read and download the proposed legislation and the full opposition statement at Save the Harbor/Save the Bay's website at: www.savetheharbor.org. If you are a Massachusetts voter, it is in your power to affect the outcome of this legislation. ■