

**National Oceanic and Atmospheric
Administration's
National Marine Sanctuaries
Educational Resources**

NOAA's Marine Sanctuaries Division

1305 East-West Highway

Silver Spring, MD 20910

301/713-3125 (phone)

301/713-0404 (fax)

Web address: <http://www.sanctuaries.nos.noaa.gov>

Brochures & Flyers:

National Marine Sanctuaries -- Tour of the Sanctuaries general brochure describing all twelve National Marine Sanctuary sites found across the country.

National Marine Sanctuaries Accomplishments Report, 1998 - annual report highlighting some of the most significant accomplishment and partnerships at our individual sites. The report also describes each of the 12 sanctuaries.

National Marine Sanctuaries Management Plan Revision - one-page background documents describing the process to revise sanctuaries management plans

NOAA's National Marine Sanctuaries national map - map of the U.S. showing the location of the individual sanctuaries

NOAA Backgrounder -- National Marine Sanctuaries - one-page document describing the National Marine Sanctuaries Program

Guide to Diving America's National Marine Sanctuaries - a comprehensive dive guide to the twelve National Marine Sanctuaries (reprint from Rodale's Scuba Dive Magazine)

Program Documents:

National Marine Sanctuaries Strategic Plan - January 1999 - contains the program's vision, mission, goals and fiscal year 1999 priorities.

*National Marine Sanctuaries Act (16 U.S.C. 1431 *et seq.*)* - the authorizing legislation for the National Marine Sanctuaries System.

National Marine Sanctuaries Program Regulations (15 CFR Part 922) -- regulations for the national program and the individual sanctuaries.

Newsletters/information:

Sanctuary News: - an electronic newsletter updated monthly focusing on interesting program and activities from throughout the system (<http://www.sanctuaries.nos.noaa.gov>)

NOAA News -- a comprehensive electronic newsletter that covers news and activities from all of NOAA's programs (<http://www.noanews.noaa.gov/>)

NOAA Report—a publication that covers topics about the National Marine Sanctuaries, and the other part of NOAA such as National Weather Service and the National Marine Fisheries Service, among others. (<http://www.publicaffairs.noaa.gov/nr>)

Channel Islands National Marine Sanctuary

113 Harbor Way

Santa Barbara, CA 93109

805/ 966-7107 (phone)

805/ 568-1582 (fax)

Web address: <http://www.cinms.nos.noaa.gov>

Brochures & Flyers:

Channel Islands National Marine Sanctuary general brochure

Diving in the Channel Islands National Marine Sanctuary brochure – provides a dive map for each of the Channel Islands within the Sanctuary boundaries complete with information on anchorage, good diving spots, shipwrecks and sea lion rookeries. Included are tips on how divers can have a positive effect on the marine environment and protect the Sanctuary to ensure its continued beauty for future generations.

Things to Do brochure – gives an overview of different activities visitors can do within the Channel Islands National Marine Sanctuary and contact information on both Ventura and Santa Barbara harbors. As well there is information on pinnipeds, whales, dolphins, and sharks and a map illustrating the pinniped hauling and breeding areas at each of the five islands within the Sanctuary boundaries.

Shipwrecks of the Channel Islands brochure – provides a historical perspective about each shipwreck site within the Sanctuary. Included is a map showing each of the shipwreck sites, information on public transportation to the islands, what to do if divers discover a shipwreck and safety tips for boaters.

Newsletters & Newspapers:

Alolkoy—this free quarterly newsletter offers highlights into current research projects and educational programs within the Channel Islands National Marine Sanctuary. Each issue is themed around an event or topic and authors are selected to contribute their expertise on a particular subject. Included in each issue is a calendar of events, a constituent commentary page and a kid's page created by students in the Los Marineros marine education program.

Annual Reports—an overview of the Channel Islands National Marine Sanctuary programs and activities to provide accountability for fulfilling the guidelines provided by the management plan.

Living Journal—available on the CINMS website. Sanctuary staff and interns write entries to offer perspective on different Sanctuary projects and events as well as local and national events involving Sanctuary resources (<http://www.cinms.nos.noaa.gov/public.stm>).

Directory:

1995 Marine & Coastal Educational Resources Directory for the South Central California

Coast—a comprehensive guide to organizations providing information and resources on marine and coastal education.

Books:

Window to the Channel—provides a look at the varied resources that make the Channel Islands National Marine Sanctuary a national treasure. The book is intended to help readers appreciate the importance of conserving this beautiful part of our country.

Posters & Charts:

Channel Islands Aerial View poster – aerial photograph showing the four northern Channel Islands from the perspective of Anacapa Island looking west, poster includes a description of the Channel Islands National Marine Sanctuary boundaries.
Sharks of the Channel poster – color poster showing a collection of the kinds of sharks found within the Channel Islands National Marine Sanctuary.

Educational Material:

Los Marineros Education Program curriculum – multidisciplinary approach to marine education. The science lessons target the fifth grade educational curriculum goals and feature background information on different earth, physical and life science concepts, activities based on accepted scientific principles and enrichment experiences that extend these scientific concepts into other areas of the curriculum.

Volunteer Opportunities:

Sanctuary Naturalist Corp.—volunteers receive training on marine life found within the Sanctuary and serve as naturalists aboard local whale watching vessels.
Sanctuary Marine Watch—volunteers receive training on Sanctuary resources and provide interpretation for the boating and diving community.
Channel Islands National Marine Sanctuary intern – assist with research and educational outreach to support the Sanctuary goals and objectives.

Recommended local web links:

Audubon Society- South Coast Chapter—<http://www.audbon.org/chapter/ca/socal>
Cabrillo High School Aquarium—<http://www.rain.org/~conqfish>
California Department of Fish & Game—<http://www.delta.dfg.ca.gov/index.html>
Channel Islands National Park—<http://www.nps.gov/chis>
Island Packers—<http://www.islandpackers.com>
Los Marineros—<http://members.aol.com/rmt1838/fieldtrips.html>
Passage Productions—<http://www.passagepro.com>
Santa Barbara Museum of Natural History—<http://www.sbnature.org>
Santa Barbara Maritime Museum—<http://www.sbmm.org>
University of California, Santa Barbara Biodiversity Forum—
<http://real.geog.ucsb.edu/bioforum>

Cordell Bank National Marine Sanctuary

Fort Mason Building #201

San Francisco, CA 94123

415/ 561-6622 (phone)

415/ 561-6616 (fax)

Web address:

<http://www.nos.noaa.gov/ocrm/nmsp/nmscordellbank.html>

Brochures & Flyers:

Cordell Bank National Marine Sanctuary fact sheet – an educational and xeroxable fact sheet that describes the unique features of Cordell Bank.

Newsletter:

Hydrosphere—bi-annual newsletter about the Gulf of Farallones and the Cordell Bank National Marine Sanctuaries. It includes articles about current research in the Sanctuaries, educational offerings, volunteer programs, natural and cultural history of the Sanctuaries, and field adventures.

Directories:

Marine and Coastal Educational Resources Directory—this directory lists marine and coastal educational organizations and agencies in the San Francisco and Monterey Bay areas. (\$3.95)

Books:

Ecology of an Underwater Island—this book summarizes what is known about the ecology of Cordell Bank. It is based on a series of exploratory expeditions led by the author and colleagues. The book discusses the physical factors that appear important to the biotic community living on Cordell Bank, and how the community interacts with itself and its surroundings.

Ocean Birds of the Nearshore Pacific—a guide for the field-going naturalist that covers more than birds. The guide includes whales, dolphins, and porpoises, sea otters, seals and sea lions, sea turtles, and other marine creatures. (\$19.95)

West Coast Whale Watching—This comprehensive guide offers the ultimate in whale and marine mammal adventure from Alaska to Mexico with all the practical information watchers need. (\$14.95)

Blue Whales—Full beautiful photos and information on the largest animal to inhabit the Earth—blue whales. (\$14.95)

Posters & Discovery Cards:

Harvestable Bounty of the Sea poster—past and present fishing boats used in the Gulf of Farallones and Cordell Bank National Marine Sanctuaries. (\$9.95)

Discovery Card Sets—12 card sets with color photos, amazing facts, illustrations, and challenging animal quizzes. Available in the following subjects: marine mammals, gray whales, dolphins, humpbacks, and killer whales. (\$3.99)

Resource Library:

Marine Education Resource Library for Teachers—this library contains a wealth of materials perfect for bringing the ocean into the classroom. Some resources available include: curriculum guides, children's books, reference books, and videos.

Visitor Center:

Gulf of Farallones National Marine Sanctuary Visitor Center—the visitor center includes exhibits on Cordell Bank and is an ideal field trip. It is filled with fascinating facts and fun activities about the Sanctuaries. At the visitor center, you can interact with animals in the Sanctuaries at a touch tank, glimpse under the sea at the Sanctuaries through the aquarium, see a real white shark jaw, touch the fur of sea otters and seals, discover microscopic animals underneath the microscope, and imagine giant whales filtering tiny shrimp-like krill through baleen.

Fagatele Bay National Marine Sanctuary

P.O. Box 4318

Pago Pago, American Samoa 96799

684/ 633-7354 (phone)

684/ 633-7355 (fax)

Web address: <http://www.nos.noaa.gov/nmsp/FBNMS>

Brochures & Flyers:

Fagatele Bay National Marine Sanctuary general brochure (available in English & Samoan)

Our Fragile Coral Reef brochure (available English & Samoan)

Research and Monitoring brochure

Watching Samoa's Humpback Whales brochure

Books:

Pacific Coral Reef Coloring Book

Fa'atautaiga Traditional Fishing Methods

Laumai Sami/Sea Turtles

Tide Pamphlet

Posters & Postcards:

Tenth Anniversary poster—featuring a portion of a coral reef painting that was used for an interpretive sign now posted in the National Park of Samoa Visitor's Center.

Postcards—with views from a painting by Margaret Barnaby of coral reef.

Educational Opportunities:

Marine Science Summer Camp

EnviroDiscoveries

Village Outreach and Le Tausagi

Recommended local web links:

American Samoa Coastal Zone Management—

<http://wave.nos.noaa.gov/ocrm/czm/czmamericansamoa.html>

National Park of American Samoa—

http://ice.ucdavis.edu/US_National_Park_Service/Natioanl_Park_of_American_Samoa

Florida Keys National Marine Sanctuary

P.O. Box 500368

Marathon, FL 33050

305/743-2437 (phone)

305/743-2357 (fax)

Web address: <http://www.fknms.nos.noaa.gov>

Brochures & Flyers:

Florida Keys National Marine Sanctuary general brochure
Lower Florida Keys Region general brochure
Please Care, Be Aware brochure
Do Not Touch Corals! Brochure (available in English, Spanish & German)
1998 Monroe County Lobster Information
Seagrass fact sheet
Florida Keys Safe Boating Tips decal
Yellow Buoy Information
Summary of What You Need to Know to Help Protect Sanctuary Resources brochure
Florida Keys National Marine Sanctuary, Past – Present – Future
Keeping Your Bottom Off the Bottom brochure
Laminated Rental Boat Employee Checklist
Teall's Guide, Key Largo to Conch Key
Teall's Guide, Marathon to Key West

Newsletter:

Sounding Line newsletter

School Programs and Public Events:

Coral Reef Classroom (CRC)—approximately 500 Florida Keys eighth graders will experience CRC in 1999.
Community Connection—two Key Largo school eighth graders spend a day with the Florida Keys National Marine Sanctuary staff each month in the spring, learning about resource protection, safe boating, and performing small job related tasks.
Coral Shore High School Mentor Program and the *Marathon High School Mentor Program*
Teacher Grants (for Monroe County schools)
Florida Bay Day
Environthons
Monroe County Environmental Education Advisory Council (MCEEAC)
Ocean Celebration
International Year of the Reef
Team OCEAN—trained volunteer teams using the Sanctuary vessels are stationed at heavily visited reef sites during peak recreational boating seasons. The volunteers educate and inform the public about the Florida Keys National Marine Sanctuary program, proper use of Sanctuary resources, and basic safety precautions.
Rental Boater Education Program—rental boat businesses throughout the Keys received TV/VCR units, video, stickers, and checklists to educate people renting boats in the Florida Keys.
Business Community Program—a comprehensive, Keys-wide database of over 400 waterfront and visitor related businesses such as dive shops, hotels, and marine supply stores.

Directory:

Florida Keys Environmental Education Resource Directory

Posters:

How Do You Keep From Losing Your Keys? poster
Florida's Coral Reef Ecosystem poster

Reef Fishes of the Florida Keys National Marine Sanctuary poster
Florida Keys Wetlands poster

Videos:

Protecting Paradise-Florida Keys Safe boating Tips (available in English & Spanish)

Boat Groundings-Much More Than An Inconvenience

Reef Dive (Spanish only)

Florida Bay Dude!

Coral Reef Classroom

Waterways—over 100 one-half hour television episodes (\$10.00 – selected titles available)

Introduction to Florida Keys National Marine Sanctuary (7 minute video – \$10.00)

Presentations:

Staff provides presentations to groups and organizations on a variety of topics related to the Sanctuary and the Florida Keys coral reef system.

Volunteer Opportunities:

Great American Fish Count

Adopt-a-Reef

Team OCEAN

Coral Reef Classroom Assistants

Recommended local web link:

Florida Bay Dude!—<http://www.firn.edu/flbaydude/resources/menu.html>

Flower Garden Banks National Marine Sanctuary

216 West 26th Street, Suite 104

Bryan, TX 77803

409/ 779-2705 (phone)

409/ 779-2334 (fax)

Web address:

<http://www.nos.noaa.gov/ocrm/nmsp/nmsflowergardenbanks.html>

Brochures & Flyers:

Flower Garden Banks National Marine Sanctuary general brochure—description of habitats and regulations

Flower Garden Banks National Marine Sanctuary Mooring Buoy Coordinates brochure

Availability of Information on the Flower Garden Banks National Marine Sanctuary (sanctuary and non-sanctuary produced)

List of Commercial Charter Vessel Operators in the Flower Garden Banks National Marine Sanctuary

Volunteer opportunities of the Flower Garden Banks National Marine Sanctuary

Flower Gardens Kids Page – Coral: Plant, Animal, or Mineral?

Flower Gardens Kids Page – Manta Rays!

Sea Turtles of the Atlantic and Gulf Coasts of the United States—description of each species.

Experiment – Observing the Effect of Salt on the Density of Water

Activity – Coral Feeding Simulation

The Flower Gardens: A Chronology of Research

Books:

"Mass Spawning by Reef Corals in the Gulf of Mexico and Caribbean Sea: A Report on Project Reef Spawn '94"

Annual Research Summaries

Videos:

Flower Garden Banks National Marine Sanctuary narrated video (11.5 minutes)

"Our Favorite home video" un-narrated video

Common Fish of the Flower Gardens and Stetson Bank video (\$5.00)

Reef Romance video (\$5.00)

Gardens Under the Sea video—48-minute award winning documentary about the Flower Garden Banks National Marine Sanctuary. (\$19.95)

Gray's Reef National Marine Sanctuary

10 Ocean Science Circle

Savannah, GA 31411

912/ 598-2345 (phone)

912/ 598-2367 (fax)

Web address: <http://www.graysreef.nos.noaa.gov>

Brochure:

Gray's Reef National Marine Sanctuary general brochure

Educational Handbooks & Books:

The Northern Right Whale from Whaling to Watching—educational module (handbook, video and two-part poster).

Out Back, Up Close—educational module for grades 1-5 (teacher manual, student manual and site plan).

Endangered Connections—educational module for grades 6-8 (two manuals and a two part poster).

Fresh and Flowing Water—educational module for grades 1-5 (two manuals and 6 posters).

Tales of Whales, Turtles, Sharks, and Snails—elementary level educational handbook.

Gray's Reef National Marine Sanctuary: An Educational Handbook—middle school level handbook.

Coastal Oceans Handbook—curriculum handbook designed for the classroom.

An Illustrated Field Guide to the Fishes of Gray's Reef National Marine Sanctuary

Posters:

Rivers to Reefs poster

Invertebrates of the Reef poster

Gulf of Farallones National Marine Sanctuary

Fort Mason Building #201

San Francisco, CA 94123

415/ 561-6622 (phone)

415/ 561-6616 (fax)

Web address:

<http://www.nos.noaa.gov/nmsp/gfnms/welcome.html>

Brochures & Flyers:

Gulf of Farallones National Marine Sanctuary general brochure — a full color map with information about the Sanctuary. It is an excellent visual to hang in your classroom.

Newsletter:

Hydrosphere—bi-annual newsletter about the Gulf of Farallones and the Cordell Bank National Marine Sanctuaries. It includes articles about current research in the Sanctuaries, educational offerings, volunteer programs, natural and cultural history of the Sanctuaries, and field adventures.

Directory:

Marine and Coastal Educational Resources Directory—this directory lists marine and coastal educational organizations and agencies in the San Francisco and Monterey Bay areas. (\$3.95)

Posters & Discovery Cards:

Marine Mammals of the Gulf of Farallones poster—a map of the Gulf of Farallones National Marine Sanctuary with illustrations of 23 marine mammals that call the Sanctuary home. On the sidebars are descriptions of the marine mammals. (\$9.95)

Los Pajaros de Los Esteros poster—"Birds of the Estuaries" is a watercolor of the birds that frequent the Gulf of Farallones and Cordell Bank National Marine Sanctuaries. (\$9.95)

Gulf of the Farallones National Marine Sanctuary Mural poster—a mural of the underwater open ocean habitat around the Farallon Islands.

Discovery Card Sets—12 card sets with color photos, amazing facts, illustrations, and challenging animal quizzes. Available in the following subjects: marine mammals, gray whales, dolphins, humpbacks, and killer whales. (\$3.99)

Resources and Education Packets:

Marine Education Resource Library for Teachers—this library contains a wealth of materials perfect for bringing the ocean into the classroom. Some resources available include: curriculum guides, children's books, reference books, and videos.

Rocky Intertidal Teachers and Educators Packet—the Farallone Marine Sanctuary Association (FMSA) is developing a series of sanctuary habitat packets for use in educational settings. Two versions of the packet are available—elementary or secondary school level. Rocky intertidal is the first packet available and includes: a slide show with corresponding script, xeroxable fact sheet ideal for reinforcing important concepts, glossary of scientific terms, list of additional publications, field trip ideas, preparation, and guidelines, classroom activities on the rocky intertidal, fact sheets on the Gulf of Farallones, full color map brochure, discussion list of "Things to do to Save the Ocean". (\$5.00)

Project Ocean—an exciting education program that turns K-6 grade classrooms into marine ecosystems.

Whale Bus—travels to schools throughout the San Francisco Bay area to bring whale bones, give presentations, and lead activities that bring students into the lives of whales in the Sanctuary.

Adopt-A-Beach—Gulf of Farallones National Marine Sanctuary sponsors the participation of 25 San Francisco schools in this program at the Golden Gate National Recreation Area. Students learn first about the beach and its communities and then join a coastal clean-up.

Books:

Log Book of the Farallones—a detailed journey of the author's cruises in the Gulf of Farallones from 1971 to 1972 and several later visits to Southeast Farallon Island. A boat, seabirds, marine mammals and rocks are main characters in this story. (\$20.00)

Beached Marine Birds and Mammals of the North American West Coast—this guide discusses how to identify most of the species of marine birds, mammals, sea turtles, sharks, and rays that occur in coastal marine waters, and are known to occur dead on

beaches from the Bering Straits along the Pacific Coast of North America to Cabo San Lucas, Baja California. (\$29.95)

West Coast Whale Watching—this comprehensive guide offers the ultimate in whale and marine mammal adventure from Alaska to Mexico with all the practical information watchers need. (\$14.95)

Beachcomber's Guide to California Marine Life—a guide to exploring common marine fauna and flora from San Francisco to San Diego. (\$17.95)

Great White Sharks—an academic book on the evolution, anatomy, physiology, behavior, ecology, distribution, and population biology of white sharks. And of course it includes interactions with humans. (\$79.95)

Blue Whales—full of beautiful photos and information on the largest animal to inhabit the Earth—blue whales. (\$14.95)

Visitor Centers:

Gulf of Farallones National Marine Sanctuary Visitor Center—the visitor center includes exhibits on Cordell Bank and is an ideal field trip. It is filled with fascinating facts and fun activities about the Sanctuaries. At the visitor center, you can interact with animals in the Sanctuaries at a touch tank, glimpse under the sea at the Sanctuaries through the aquarium, see a real white shark jaw, touch the fur of sea otters and seals, discover microscopic animals underneath the microscope, and imagine giant whales filtering tiny shrimp-like krill through baleen.

Pacifica Visitor Center—this visitor center highlights recreational activities in the Sanctuary and is a great place to see an adult, male sea lion skeleton. Play in the sand box and discover what lives at the beach while finding out how to enjoy the Sanctuary.

Volunteer Opportunities:

SEALS, A Seal Interpretation and Monitoring Program—this program trains volunteers to monitor harbor seal behavior and educate the public about responsible behavior around wildlife.

Beach Watch—acknowledged for its outstanding achievements, trains citizens-scientists to survey and document the resources of the Sanctuaries. A long-term, volunteer beach monitoring program, the goals of Beach Watch are to help protect and understand our coastal resources.

Visitor Center—volunteers receive training on the Gulf of Farallones and educate the public about the Sanctuary and its resources.

Internship Program—assist with researchers and staff to facilitate the goals of the Sanctuary.

Recommended local web link:

Farallones Marine Sanctuary Association (FMSA)—<http://www.farallones.org>

Hawaiian Islands Humpback Whale National Marine Sanctuary

726 South Kihei Road

Kihei, HI 96753

808/ 879-2818 (phone)

808/ 874-3815 (fax)

Web address: <http://www.t-link.net/~whale>

Brochures, Stickers & Flyers:

Hawaiian Islands Humpback Whale National Marine Sanctuary general brochure – official map and brochure of the Hawaiian Islands Humpback Whale National Marine Sanctuary, regulations, boundaries, and projects.

Ko'ie'ie Fishpond—one page brochure on the ancient Hawaiian fishpond located in front of the Maui Sanctuary office.

Volunteer Announcement—one page flyer on the volunteer programs at the Maui office.

Humpback Whale Approach Regulations—waterproof, pocket size card with federal approach regulations.

Watching Humpback Whales—popular guide to humpback whales in Hawaii; includes biology, history, reproduction, etc. (available in English & Japanese)

Pehea 'Oe E Hiki Ke Ho'omalua I Ka Moana (What you can do to protect the ocean) – one page flyer on guidelines that you can follow to help protect our ocean environment. (available in English & Hawaiian)

Hawaiian Islands Humpback Whale National Marine Sanctuary sticker – colorful circular sticker.

Issue paper on Fishing—one pager addressing the issue of fishing in the Hawaii sanctuary.

Issue paper on User Fees—one pager on the user fee issue.

Top Ten Questions regarding the Hawaii Sanctuary—popular one page brochure addressing the most commonly asked questions concerning the Hawaii Sanctuary.

What has the Hawaii Sanctuary done for Hawaii—brochure on the various projects that the Hawaii Sanctuary has initiated or co-sponsored in Hawaii.

Sea Turtle Coloring book—an introduction to Hawaii's sea turtles and conservation techniques. (available in English & Hawaiian)

Coral Reef coloring book – tri-lingual coloring book on the importance and conservation of the coral reef. This book was created in celebration of the United Nation's 1997 Year of the Coral Reef.

Ocean User's Guidebook—The Hawaii Sanctuary and the National Marine Fisheries Service Office of Enforcement has created a user manual of the various federal regulations pertaining the marine mammals and turtles in Hawaii.

Kohola/Kolea Children's Story coloring book – based on a story from the Marshall islands concerning the plover and the humpback whale. (available in English & Hawaiian)

Pacific Coral Reef coloring book – Hawaii and Samoa's reef system. (available in English, Hawaiian & Samoan)

Species Cards – four of the federally protected species found in Hawaii – the humpback whale, sea turtle, dolphin and monk seal are each depicted on a one page sheet; co-funded by the National Marine Fisheries Services.

Native Plant Checklist flyer – identification booklet of the terrestrial plant species that exist at the Maui Sanctuary office; created by a volunteer and a student intern.

Posters & Maps:

Hawaiian Islands Humpback Whale National Marine Sanctuary poster – colorful poster, depicting six winners of an art contest on Maui.

The Kohola (Humpback Whale) poster – produced in conjunction with the State of Hawaii Department of Land and Natural Resources; to acknowledge the humpback whale as

the official State marine mammal and an animal of significance by the National Marine Sanctuary Program.

Humpback Whale Activity poster—activities for students on one poster, including a whale migration maze, fluke matching game and crossword puzzle.

Map of Maui Environmental Programs—one page map of the various marine and land based environmental and educational programs that exist on Maui.

Coral Reef Card—common Hawaii reef coral species.

Volunteer Opportunities and Public Events:

Hawaiian Islands Humpback Whale National Marine Sanctuary volunteer

Humpback Whale Workshop—in cooperation with the Whale Center of the Pacific, the Marine Mammal Commission and the National Marine Fisheries Services.

Whale Fest

Whales Alive

Whale Discovery Day

Whale Regatta

Earth Day

Ocean Planet Exhibit: Bishop Museum

Career day on the Water

Great Whale County

Federal Regulations and Enforcement Workshops for Ocean's User Workshop

Recommended local web links:

Hawaiian Monk Seal Recovery Efforts—

<http://kingfish.ssp.nmfs.gov/tmcintyr/pinniped/hawaiian.html>

Hawaii Whale Research Foundation—<http://www.hwrf.org>

Kohola (Whale) in Hawaii—<http://hookele.com/storyteller/kohola.html>

Whales Alive Maui—http://www.nko.mhpc.edu/whales_alive

Whale Watching Website—<http://www.physics.helsinki.fi/whale>

Monitor National Marine Sanctuary

c/o The Mariners' Museum

100 Museum Drive

Newport News, VA 23606

757/ 599-3122 (phone)

757/ 591-7310 (fax)

Web address: <http://www.nos.noaa.gov/nmsp/monitor> or

<http://www.cnu.edu/~monitor>

Brochures & other printed material:

Monitor National Marine Sanctuary general brochure

Comprehensive bibliography—a bibliography of *Monitor*-related material, with periodic supplements. This consists of primary and secondary sources, including news articles, papers, articles, and monographs.

The Monitor Collection and the permanent "Clash of Armor" Exhibit at The Mariners Museum brochure

Monitor Sanctuary bookmarks

The Ten Most-Often Asked Questions about the Monitor National Marine Sanctuary—one pager

Plans of the Monitor—blueprints of scale drawings of the ship and the turret can be provided upon request. The negatives from which these drawings are produced were made from original drawings of the ship by one of the Ericsson's draftsmen

Newsletter:

Cheesebox newsletter – periodic activity report is written for a general audience and contains current information on *Monitor*-related activities including on-site research, exhibits, management issues, and historical notes.

Books & Reports:

Expedition to the Monitor National Marine Sanctuary: Data Analysis and Final Report—written by Barto Arnold, et. al.

The Crewmen of the USS Monitor: A Biographical Directory—written by Irwin Berent.

Preliminary Report: Stereo Photography and Artifact Retrieval 16 July – 2 August 1977 Monitor Marine Sanctuary—written by Floyd Childress, et. al.

Research and Education Combine to Bring the Monitor's Story Ashore—written by Dina Hill.

The Monitor National Marine Sanctuary: Preserving the Past for the Future

The Monitor – Lost and Found—written by Justin Kenney.

A Look at the Monitor National Marine Sanctuary: Past, Present, and Future

Ironclad Captains: The Commanding Officers of the USS Monitor—written by William Still.

Monitor Builder: A Historical Study of the Principal Firms and Individuals Involved in the Construction of the USS Monitor

Preliminary Report: Archaeological and Engineering Expedition Monitor Marine Sanctuary August 1-26, 1979—written by Gordon Watts, et. al.

Educational Material and Presentations:

Monitor National Marine Sanctuary curriculum – for use in history and science classes targeting the 7th grade, and will be expanded to include units for middle and high schools. A 15-minute narrated video on the history of the *Monitor* and the Monitor National Marine Sanctuary is included in the curriculum.

Outreach Kit—contains a wealth of information about the *Monitor* and the Monitor National Marine Sanctuary. It includes brochures, posters, publications, and other printed material. It also includes reproductions of artifacts recovered from the wreck; a reproduction of an officer's uniform, photographs of the *Monitor* and the wreck, and reproductions of items that would have been used by the *Monitor's* crew.

On-Line Curriculum—detailed curriculum includes information on the *Monitor's* builder John Ericsson, the construction on the *Monitor*, the battle with the CSS Virginia, and the loss of the *Monitor* off Cape Hatteras, North Carolina.

Public Presentations—Sanctuary staff is capable of presentations (as logistically and financially feasible) at professional meetings, special interest groups, public service organizations, educational institutes, and special events.

Poster & Models:

Monitor National Marine Sanctuary poster – dramatic underwater photograph showing a diver at the stern on the *Monitor*.

Monitor National Marine Sanctuary model—color model is designed for children at the third-grade level and above; it is an easily-assembled model with supplemental information about the *Monitor* and the Monitor National Marine Sanctuary. The model is available to school systems and for use in workshops at the Mariners' Museum and other museums.

Videos, Exhibits, and Special Events:

History of the Monitor and the Monitor National Marine Sanctuary — a 15-minute narrated video

"*Monitor Days*"—special events held at The Mariners' Museum which include costumed interpreters and period music.

Down to the Monitor—film produced in 1980; it contains an excellent historical overview and footage of archaeologists working at the wreck. (20 min.)

Back to the Monitor—narrated video on research and education in the Monitor National Marine Sanctuary. It includes a historical overview of the ship and color footage of the wreck of the *Monitor* and the marine life that inhabit it.

Traveling Exhibit—details the sinking of the *Monitor*, the discovery of the wreck in 1973.

Slides and Photographs—a number of images of the *Monitor* are available upon request.

Monterey Bay National Marine Sanctuary

299 Foam Street, Suite A

Monterey, CA 93940

408/ 647-4201 (phone)

408/ 647-4250 (fax)

Web address: <http://www.mbnms.nos.noaa.gov>

Brochures & Flyers:

Monterey Bay National Marine Sanctuary general brochure

Kayaking in the Monterey Bay National Marine Sanctuary brochure

Diving in the Monterey Bay National Marine Sanctuary brochure

Boating in the Monterey Bay National Marine Sanctuary brochure

Motorized Personal Watercraft in the Monterey Bay National Marine Sanctuary brochure

Together We Can—sanctuary flyer & coloring page (available in English & Spanish)

Citizen's Guide to Clean Water and the Monterey Bay National Marine Sanctuary brochure

Monterey Bay begins on Your Street—brochure on urban run-off (available in English & Spanish)

Monterey is closer than you think brochure

Newsletters:

News from the Monterey Bay National Marine Sanctuary newsletter (3 issues/year)

Monterey Bay National Marine Sanctuary – Your Guide to its Natural History and Recreation newspaper

Directory:

Marine & Coastal Educational Resources Directory— this directory lists marine and coastal educational organizations and agencies in the San Francisco and Monterey Bay areas.

Monterey Bay National Marine Sanctuary Citizen's Stewardship Guide—a directory for public involvement in the Sanctuary.

Books :

A Natural History of the Monterey Bay National Marine Sanctuary—a 256-page book produced in cooperation with the Monterey Bay Aquarium.

Sanctuary Explorations—a 44-page book produced in cooperation with the USCS's Institute of Marine Sciences.

Posters & Charts :

Monterey Bay National Marine Sanctuary – nautical chart

Are you Feeding Our Wildlife? – water quality poster

Grand Canyon of Monterey Bay poster

Monterey Bay National Marine Sanctuary Anniversary poster (five total) produced annually for the Sanctuary's birthday celebrations

Storm Drains Lead Straight to the Ocean poster

Good Cleaning Practice – poster for Auto Repair Industry

Good Cleaning Practice – poster for Food & Restaurant Industry

Monterey Submarine Canyon poster

Videos :

Monterey Bay National Marine Sanctuary – A National Treasure (20 minutes)

Visitor's Guide to the Monterey Bay National Marine Sanctuary (12 minutes)

Dive into Fishwatching

Watersheds to Seashores (25 minutes)

Slide Presentation :

Monterey Bay National Marine Sanctuary general slideshow with script (20-25 minutes)

Volunteer Opportunities :

Monterey Bay National Marine Sanctuary internships

BeachCOMBER volunteers

SOS's Sanctuary Stewardship Program

CMC's Baynet Program

Monterey Bay National Marine Sanctuary Citizen's Stewardship Team

Recommended local web links :

American Cetacean Society – Monterey Bay Chapter—<http://www.starrsites.com/acsmb>

California Resources Agency—<http://ceres.ca.gov>

Coastside Live—http://www.coastside.net/COASTSIDE_Live

Internet Monterey Bay—<http://www.bayotter.com>

Local Oil Recycle Centers—<http://www.ciwmb.ca.gov/wpe/usedoil/hotvb.asp>

Local Marine Science/Education/conservation Organizations –

http://bonita.mbnms.nos.noaa.gov/intro/local_institutions.html

Monterey Net—<http://www.montereynet.com>

Sea Studios—<http://www.seastudios.com>

Santa Cruz Harbor—<http://www.santacruzharbor.org>

Olympic Coast National Marine Sanctuary

138 West First Street
Port Angeles, WA 98362
360/ 457-6622 (phone)
360/ 457-8496 (fax)

Web address:

<http://www.nos.noaa.gov/ocrm/nmsp/nmsolympiccoast.html>

Brochures & Flyers:

Olympic Coast National Marine Sanctuary general brochure
The Intertidal Zone—fact sheet
History of the Olympic Coast National Marine Sanctuary—fact sheet
Marine Mammals—fact sheet
The Shipwreck, Austria—fact sheet
Sanctuary Advisory Committee Annual Report

Volunteer Opportunities:

Olympic Coast National Marine Sanctuary Intern
Olympic Coast National Marine Sanctuary Volunteer

Stellwagen Bank National Marine Sanctuary

174 Edward Foster Rd.
Scituate, MA 02066
781/ 545-8026 (phone)
781/ 545-8036 (fax)

Web address: <http://vineyard.er.usgs.gov>

Newsletters & Newspapers:

Stellwagen Soundings—newsletter from the Sanctuary is produced approximately three times a year. The 8-page newspaper includes feature stories on Sanctuary species and news on the latest regulatory programs and conservation issues. Subscriptions are free to any interested parties; multiple copies can be sent to a single address.

Posters & Charts:

Stellwagen poster—a 20" x 30" full-color poster showing underwater topography of Stellwagen Bank, Massachusetts Bay and Cape Cod Bay is available free of charge from the Sanctuary.

Curriculum guides:

From Whaling to Watching—this curriculum package consists of a 20-minute video and a 40 page book detailing the history, biology, and conservation programs for the endangered northern right whale. Curricular activities in the book are intended for upper elementary or middle school students, but the book and materials can be used by educators at all levels (including adult education). The materials are free to schools and other educational institutions.

Spirit of the Auk—this middle school curriculum focuses on human interactions with marine species (particularly whaling and fishing), sustainable use of resources, abundance, exploitation, extinction, food webs, and other issues. The project is based on Richard Wheeler's 1990 sea kayak trek from Funk Island to Cape Cod following the migration route of the extinct Great Auk. Package consists of a video (*Bounty of the Banks*), audiotape by master storyteller Jay O'Callahan, and curriculum book. The materials are free to schools and other educational institutions.

The Food Bank CD-ROM—this CD-ROM looks at the marine food web at the Stellwagen Bank National Marine Sanctuary. The disk contains hundreds of underwater photographs of marine species, dozens of video clips, and games (including an energy pyramid program). Predator-prey relationships are explained, as well as interesting facts about the many diverse species found in the Sanctuary. The materials are free to schools and other educational institutions.