

## A Look Ahead

In 2012, the sanctuary's main office will move into a new building at the University of California, Santa Barbara (UCSB). Strengthening the relationship with UCSB will generate exciting new science and education opportunities for sanctuary projects and partnerships throughout the region. Notably, UCSB will raise funds and build exhibits for the adjacent Outreach Center for Teaching Ocean Science (OCTOS). Run in partnership with the sanctuary, OCTOS' stunning programming and technology will inspire and educate children, students and adults about ocean science and conservation ([www.octos.ucsb.edu](http://www.octos.ucsb.edu)). 2012 will also see completion of the Channel Islands Boating Center at Channel Islands Harbor. Its exhibits will highlight the wonders of the sanctuary and the importance of responsible boating.



## Channel Islands National Marine Sanctuary Advisory Council Members

### Officers

Chair: Eric Kett  
Vice Chair: Bruce Steele  
Secretary: Phyllis Grifman

### Non-Governmental Members

Recreational Fishing: Capt. David Bacon  
Alternate: Merit McCrea  
Recreation Non-Consumptive: Debra Herring  
Alternate: Nicole Peters  
Tourism: Andrea Mills  
Alternate: Capt. Mat Curto  
Conservation: Linda Krop  
Alternate: Greg Helms  
Business: Capt. Richard McKenna  
Alternate: Michael W. Gould

Education: Maria Petueli  
Alternate: Amanda Hendrickson  
Chumash Community: Luhui Isha Waiya  
Alternate: Vennise Miller-Forte  
Research: Dr. Robert Warner  
Alternate: Dr. Mark Steele  
Public-at-Large: Eric Kett  
Alternate: Victor Cox  
Commercial Fishing: Bruce Steele  
Alternate: Stephanie Mutz

### Governmental Members

**State Government**  
California Coastal Commission: Dr. Jonna Engel  
Alternate: Steve Hudson  
California Dept. of Fish & Game: Marija Vojkovich  
Alternate: Kristine Barsky  
California Resources Agency: vacant  
Alternate: Amy Vierra

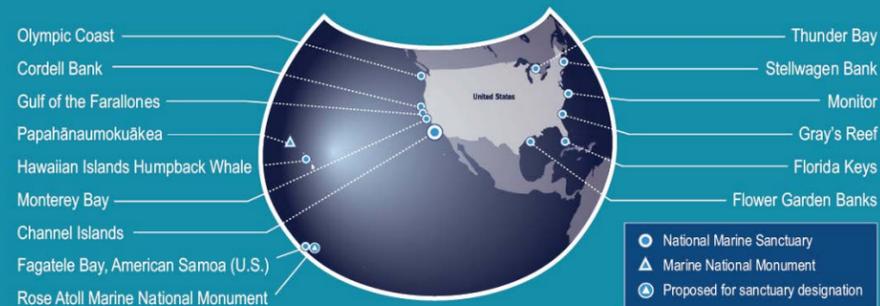
### Federal Government

Bureau of Ocean Energy Management: Donna Shroeder  
Alternate: Dr. Ann Bull  
NOAA Monterey Bay NMS (non-voting): Paul Michel  
Alternate: Karen Grimmer  
Channel Islands National Park (Dept. of Interior): Russell Galipeau  
Alternate: David Ashe  
U.S. Coast Guard: CDR Christina Davidson  
Alternate: LCDR Elisa Garrity  
NOAA National Marine Fisheries Service: vacant  
Alternate: Elizabeth Petras  
Department of Defense: John Ugoretz  
Alternate: Walter Schobel  
NOAA Gulf of the Farallones NMS (non-voting): Maria Brown  
Alternate: Brian Johnson  
NOAA Channel Islands NMS (non-voting): Chris Mobley

**Sanctuary Advisory Council Coordinator**  
Michael Murray

<http://channelislands.noaa.gov>

## NATIONAL MARINE SANCTUARY SYSTEM



*NOAA's Office of National Marine Sanctuaries is committed to supporting lives and livelihoods across the nation and in sanctuary communities through socioeconomic research and monitoring to understand the economic and social drivers of sanctuary resources and improve management practices.*

Office of National Marine Sanctuaries  
National Oceanic and Atmospheric Administration

CHANNEL ISLANDS NATIONAL MARINE SANCTUARY



## 2011 ACCOMPLISHMENTS



**Channel Islands National Marine Sanctuary** encompasses the waters surrounding San Miguel, Santa Rosa, Santa Cruz, Anacapa and Santa Barbara Islands off the coast of Southern California, encircling Channel Islands National Park. The combination of warm and cold ocean currents around the islands results in a great variety of plants and animals, including large forests of giant kelp, flourishing populations of fish and invertebrates, and abundant populations of whales, dolphins, sea lions, seals and seabirds. Also plentiful are maritime heritage resources such as shipwrecks and historic artifacts. Established September 22, 1980.





## Channel Islands mooring system

Sanctuary research staff maintain a network of 14 mooring sites around the islands that record currents, temperature and acoustic tag activity. The data are used to characterize oceanographic conditions in the sanctuary. Records of tagged fish, such as sevengill sharks originally tagged in San Francisco Bay, indicate connectivity between west coast sanctuaries. In 2011, staff divers serviced the moorings from R/V *Shearwater* and R/V *Sharkcat*. This mooring system represents a sanctuary partnership with the Partnership for Interdisciplinary Studies of Coastal Oceans and California State University, Long Beach scientists.



## Shipping lane changes proposed

In May 2011, sanctuary staff and NOAA Fisheries jointly provided the U.S. Coast Guard with whale-related information and recommendations for a local area Port Access Route Study. The study, published on November 1, contains recommendations that stem directly from input provided by NOAA, namely to create traffic lanes south of the Channel Islands and decrease the width of the separation scheme in the Santa Barbara Channel to move lanes further from the sanctuary and known areas of seasonal whale concentration. A Coast Guard rulemaking process is expected to follow.



## Oil spill exercise

Sanctuary staff played a major role in planning and implementing the U.S. Coast Guard's 2011 National Preparedness for Response Exercise Program (NPREP) oil spill drill, held September 13-15. The drill scenario involved a cargo vessel colliding with an oil tanker and creating a 500,000 gallon spill that entered the sanctuary and Channel Islands National Park. Staff coordinated unmanned aerial vehicle flights and assisted with advising command personnel and resource and environmental planning staff at the Unified Command Post.



## Volunteer program and MERITO initiative staff receive awards

The Channel Islands Naturalist Corps (right) received the Take Pride in America Outstanding Federal Volunteer Program Award, recognizing 140 specially-trained volunteers who educate visitors and conduct citizen science, reaching more than 500,000 people on whale watching tours, island hikes and community events. Also in 2011, Rocio Lozano-Knowlton (left) received the National Ocean Service's Team Member of the Year award for her leadership of the sanctuary's MERITO (Multicultural Education for Resource Issues Threatening Oceans) initiative, providing bilingual education and outreach to thousands of underprivileged students.



## New shipwreck exhibit and shipwreck brochure

In April 2011, a new shipwreck exhibit on the California Gold Rush Steamship *Winfield Scott* opened at the Santa Barbara Maritime Museum, a long-time sanctuary partner. This exhibit became the third permanent sanctuary shipwreck on display at the museum. In addition, the sanctuary completed a new brochure: *Shipwrecks of the Channel Islands National Marine Sanctuary*. With more than 150 historic ships and aircraft reported lost within sanctuary waters, the beautiful and informative new brochure is an important education and outreach tool.



## Groundbreaking ceremony for Channel Islands Boating Center

In October 2011, the Ventura County Board of Supervisors and Channel Islands Harbor Foundation celebrated the official groundbreaking for the new Channel Islands Boating Center in Oxnard. William J. Douros, the Office of National Marine Sanctuaries' (ONMS) Acting Deputy Director, was a featured speaker at the ceremony. ONMS has invested in exhibit planning for the new Boating Center, and sanctuary staff are developing exhibits to promote responsible visitor enjoyment of the sanctuary. The Channel Islands Boating Center will open in 2013.



## Technology firms develop sanctuary product applications

Staff worked with high tech firms in 2011 to help spur product developments benefiting the sanctuary. Verizon and Groveware Technologies, Inc. developed an e-form for Android tablets to record whale sightings aboard vessels. This may lead to a near-real time reporting system, helping us to better address whale ship strikes. Additionally, Citrix Online worked with sanctuary staff and UC Santa Barbara partners to develop an "Exploring California Tidepools" application for the iPhone, now available for free in the Apple Store. The new app incorporates photos and species descriptions from the Office of National Marine Sanctuaries' Long term Monitoring and Experiential Training Program for Students.



## Sanctuary Advisory Council adopts resolution supporting Ban on plastic bags

On July 22, the Sanctuary Advisory Council adopted a resolution in support of a ban on single-use plastic bags. The adopted resolution acknowledges that plastic grocery bags are a common source of marine debris, that plastic bags pose a threat to wildlife, habitats and human use of the marine environment, that the bags never fully biodegrade, that recycling is important but not a sufficient solution, and that alternatives to single-use plastic bags are readily available.