



## Monterey Bay National Marine Sanctuary Advisory Council Diver Newsletter

Diver  
October 2018

### In This Issue

[San Jose Flipper Dippers](#)

[Lunch Time at the Farallones](#)

[Humpback Whales and Ocean Changes](#)

[Davison Seamount Study](#)

[DIVER SURVEY](#)

[WWII Aircraft in Lake Michigan](#)

[Two New Sponges](#)

[Hyperbaric Chamber Funding](#)

[2018 SAC Meeting Schedule](#)

[Join Our Mailing List!](#)

Dear MBNMS,

Diving was terrific in Monterey and Carmel at the end of September. Divers were enjoying great visibility and warmer than average water. Then the first week in October a storm came thru and stirred up everything. Typically, in between storms the diving in Monterey is better in the fall.

## One More Chance to Help our Causes Sanctuary Diver Survey



Please take a moment and fill out our short survey. This survey drives our conversations in representing "All Things Divers" in Monterey Bay National Marine Sanctuary.

### World War II Aircraft Recovery Begins in Michigan

World War II Aircraft Recovery Begins Michigan State Maritime Archaeologist Wayne Lusardi of Thunder Bay National Marine Sanctuary led an expedition to recover artifacts from the wreck of a World War II airplane in Lake Huron.

The airplane, a Bell P39 Airacobra, crashed in April 1944 near Port Huron. Tuskegee Airman

After a lot of effort going to meetings, speaking to CDFW officials, and gaining support from the MBNMS Advisory Council, Reef Check California obtained a permit from the CDFW to do an urchin removal study in Monterey Bay! The study will manipulate the number of urchins on a selected area in order to determine at what point will help reestablish. This study is intended to inform subsequent urchin removal efforts. Interested divers can learn more at [G2KR.com](http://G2KR.com)

On Sept 26, we toured the cruise ship *Ruby Princess* when it visited Monterey with NOAA staff to observe the environmental protections they employ when in the sanctuary. We observed their waste water treatment systems and are pleased to report they work very hard to not discharge anything in the sanctuary and do not open discharge valves until they are out of sanctuary waters.

Please keep up with the current Sanctuary Advisory Council agendas and if you see something of interest that you would like us to comment on, please send us an email.

Warm Regards & Dive Safe,

Brian and Keith

Prepared by Brian and Keith  
Sanctuary Advisory Council Diving Representatives  
[brian@pcscuba.com](mailto:brian@pcscuba.com)  
[keith.rootsaert@salasobrien.com](mailto:keith.rootsaert@salasobrien.com)

## San Jose Flipper Dippers



September 19th the San Jose Flipper Dippers hosted the MBNMS Advisory Council Representatives for a Sanctuary Presentation plus Q and A? Good discussions on the state of the urchin barrens, the next Sanctuary Management Plan, and Wharf 2 Diving in Monterey

## White Sharks return to Farallones "Lunchroom"

Lt. Frank Moody was killed in the training accident. Divers discovered the wreck site in 2014 and archaeological documentation began a year later.

Earlier this year, the State of Michigan awarded a recovery permit to the National Museum of the Tuskegee Airmen in Detroit. The aircraft wreck will be documented in place, recovered, conserved, and eventually exhibited in Detroit.

The recovery process began the week of August 27th. The instrument panel, drive shaft, radio antennae, armored glass windshield, and starboard side door were removed from the lake bottom by Lusardi and volunteer divers Justine Benanty and Ernie Franklin of Diving with a Purpose, Capt. Luke Clyburn of the Noble Odyssey Foundation, and Dr. Brian Smith of the National Museum of the [Tuskegee Airmen](http://TuskegeeAirmen).

## Two New Sponge Species Identified near Farallones from 2016 ROV Research Cruise

Scientists from the California Academy of Sciences and the Royal British Columbia Museum, in collaboration with Greater Farallones National Marine Sanctuary, described two new sponge species collected during the 2016 research near the Farallon Islands, on a joint NOAA-Ocean Exploration Trust research cruise.

The specimens, *Staurocalyptus pamelaturnerae* and *Hyalascus farallonensis*, were growing on the wreck of USS Independence, on the side of the midship gun turret, in the northwest section of Monterey Bay National Marine Sanctuary adjacent to Greater Farallones sanctuary off San Francisco.

A third sponge, *Farrea schulzei*, also found on the USS Independence, had not been described since the late 1800's and was re-described, renamed and its range of occurrence was updated. The paper, "Four new species of Hexactinellida (Porifera) and a name replacement from the NW Pacific", was authored by Dr. Henry M. Reiswig and published in *Zootaxa*



Project White Shark - The Farallon Islands

White sharks return to Farallones "lunchroom" - public advised to avoid disturbing them. On September 21, Greater Farallones National Marine Sanctuary issued a Superintendent's Statement to advise the public that white sharks have made their annual appearance in Greater Farallones National Marine Sanctuary off San Francisco, and that they are protected from disturbance from boats, wildlife watchers, and other activities.

In 2009 NOAA restricted attracting (feeding or luring) or approaching white sharks in the Greater Farallones sanctuary, except under special permit. These regulations are designed to minimize disturbance to white sharks while feeding on seals and sea lions. The sanctuary provides a rare, safe haven for them.

A small commercial cage diving industry in the sanctuary offers the adventure of in-water shark encounters. There is pressure to use more aggressive methods of attracting sharks to boats, but research on use of food and other attractants to lure sharks for tourism has demonstrated that sharks can become attracted to boats, disrupting their natural feeding activities. The public should be aware of the possible impacts of such distraction, especially nutritional costs to the sharks.

For more information:

[Protecting Great White Sharks](#)

[White Shark Stewardship Project](#)

## Humpback whales are navigating an ocean of change

## Pacific Grove Hyperbaric Chamber

Monterey Bay National Marine Sanctuary has become a premier diving destination, offering some of the most beautiful and pristine diving areas in the country. The City of Pacific Grove, on the Monterey Peninsula, has provided medical treatment to injured divers with its hyperbaric chamber since 1963.

While the City of Pacific Grove provides for many of the chamber's operation needs, diver donations support operations and offset needed repairs that occur from time to time. Please consider a donation to help this much needed, important resource for the dive community that enjoy the sanctuary.

[Donate to the Pacific Grove Hyperbaric Chamber Fund](#)



[Donate Now!](#)

Donations for the chamber can be made online using a credit card or a PayPal account. The credit card transaction will be securely handled by PayPal and you do not need a PayPal account to make a credit card donation. At the end of the credit card transaction you will be presented with an option to print out a receipt for your donation.

Your tax-deductible donation to the Pacific Grove Hyperbaric Chamber Fund will go directly towards the facility and its operations.

Payment can also be made by check mailed to:

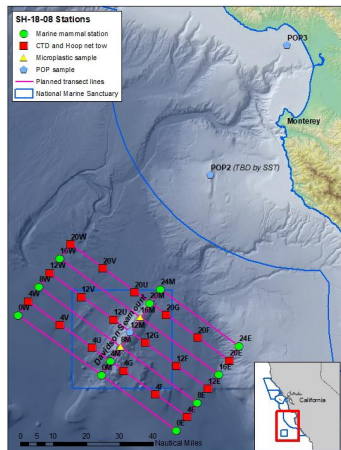


DLNR Revealed: Episode 2  
Hawaiian Islands Humpback  
Whale National Marine  
Sanctuary

In late December 2015, Ed Lyman started getting calls from whale watching companies on the island of Hawai'i. "Ed, how are the whales off Maui?" tour operators were asking. "We've never seen them arrive this late." Lyman is the large whale entanglement response coordinator for Hawaiian Islands Humpback Whale National Marine Sanctuary.

While the sanctuary coordinates and leads the effort to free whales from life-threatening entanglements, it relies heavily on tour operators, fishermen, researchers, and other members of the on-water community to help find and monitor them. That same on-water community plays a major role in monitoring the overall health of and risks to humpback whales throughout Hawai'i. Lyman works closely with these groups. [For more information:](#)

## Scientists collect oceanographic and biological data above Davidson Seamount



Scientists collect oceanographic and biological data above Davidson Seamount. Scientists from Monterey Bay National Marine Sanctuary (MBNMS), Point Blue Conservation Science, and Applied Marine Sciences conducted regional characterization and monitoring of the physical and biological components of the open ocean ecosystems of Davidson Seamount within (MBNMS), aboard NOAA Ship Bell M. Shimada during July 15-24.

Projects included marine mammal and seabird observations, plankton tows, midwater fish trawls, CTD, echo-sounder data

Monterey Bay Sanctuary  
Foundation  
99 Pacific Street, Suite  
455 E  
Monterey, CA 93940

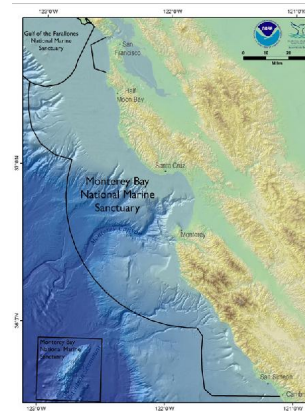
If you have any questions, please email

[info@mbnmsf.org](mailto:info@mbnmsf.org)

Prepared by Brian and Keith, Sanctuary  
Advisory Council Diving  
Representatives

## Know your Sanctuary

# Monterey Bay National Marine Sanctuary



Monterey Bay National Marine Sanctuary (MBNMS) is a federally protected marine area offshore of California's central coast. Stretching from Marin to Cambria, MBNMS encompasses a shoreline **length of 276 miles and 6,094 square miles** of ocean.

collection, sea surface collection of microplastics, and water sampling for persistent organic pollutants and harmful algal blooms (HABs). Data will be used to relate the spatial patterns of bird and mammal distribution with prey and oceanographic patterns, and identify resources at risk from human threats.

Local news reporters (KION and KSBW) visited the ship in Monterey on July 20th. NOAA and other regulatory agencies use this information in management decisions and to protect resources in national marine sanctuaries.

Cruise information available on MBNMS web site

[Cruise Information Link](#)

[Cruise Blog and Photos](#)

### Quick Links

---

[Monterey Bay National Marine Sanctuary](#)

[Advisory Council Web Page](#)

[Marine Mammal Center - Moss Landing](#)

[Council Meeting Agendas](#)

[Council Meeting Minutes](#)

[Advisory Council Members](#)



It is home to one of the world's most diverse marine ecosystems, including numerous mammals, seabirds, fishes, invertebrates and plants in a remarkably productive coastal environment.

MBNMS was designated in 1992 for the purpose of resource protection, research, education, and public use of this national treasure. MBNMS is part of a system of 14 National Marine Sanctuaries and two marine national monuments, administered by the National Oceanic and Atmospheric Administration

### 2018 SAC Meeting Schedule

October 19th	Salinas
December 14th	Monterey

For more information:  
[2018 Sanctuary Advisory Council Meeting dates and Information](#)

---

Monterey Bay NMS Advisory Council, 99 Pacific Street, Suite 455a, Monterey, CA 93940

[SafeUnsubscribe™ {recipient's email}](#).

[Forward this email](#) | [Update Profile](#) | [About our service provider](#)

Sent by [mbnms.sac@gmail.com](mailto:mbnms.sac@gmail.com) in collaboration with



Try it free today