



# THE CHANGING TIDE

Winter 2016

## New BOATER'S GUIDE TO USING HULL PAINT IN CALIFORNIA Released



Check the new [BOATER'S GUIDE TO USING HULL PAINT IN CALIFORNIA](#) brochure and poster to assist boaters when selecting a bottom hull paint. This brochure provides an easy to read format that presents key considerations for boaters to think about when selecting a bottom paint.

The goal of these educational materials is to help boaters understand the available paint options and how the new information released by the [California Department of Pesticides Regulations](#) regarding copper hull paints and regulations to address copper pollution (i.e., Marina del Rey, Newport Beach and Shelter Yacht Basin) may impact a boater's decision on the type of paint they may select.

The brochure and poster were a collaborative effort between the Port of San Diego, the California State Parks Division of Boating & Waterways and the California Coastal Commission's Boating Clean and Green Program, and the County of Los Angeles Beaches & Harbors.

Download your copy at [BOATER'S GUIDE TO USING HULL PAINT IN CALIFORNIA](#)

## Making a Difference One Boater At a Time

The California State Parks Division of Boating and Waterways and the California Coastal Commission's Boating Clean and Green Program, The Bay Foundation and the Keep the Delta Clean Program (Program Partners) would like to express our deepest gratitude to all Dockwalker volunteers and organizations that supported the Dockwalker Program in 2016.



This [map](#) shows where boaters live who have learned about clean boating from Dockwalkers. Dockwalkers like you are making a great impact throughout the state!

Again this year, Program Partners worked together with the U.S. Coast Guard Auxiliary, U.S. Power Squadron, Save Our Shores, Lake Berryessa Partnership, Rio Vista Boating Program, the City and County of San Francisco Department of the Environment, The County of San Mateo, San Francisco and Sacramento Conservation Corps, and many more organizations. Partnering with these organizations was essential to the program's great success.

Dockwalkers are trained to provide face-to-face boater education and distribute boater kits with educational information while visiting marinas, boat launch ramps, boat shows, and events. Boaters receive a kit after completing a boater survey and pledge. This questionnaire helps to identify gaps in environmental services and improve future education efforts. Over 150 volunteers participated in the 11 trainings conducted in 2016. In 2016, volunteers distributed 6,300 boater kits, and donated over 1,900 volunteer hours. Working together made this year another success!

*Continued on back page.*

A California Clean Boating Network Publication presented by The Bay Foundation, Division of Boating And Waterways, California Coastal Commission, and the Keep the Delta Clean Program. This publication is partially funded by the Division of Boating And Waterways Clean Vessel Act Education Program and the Federal Clean Vessel Grant Act Program.





*Hoppyland* at “Lake Los Angeles” (now part of Mother’s Beach in Marina del Rey) with oil derricks in the background.

## Destination Series: **MARINA DEL REY**

On the Los Angeles coastline about 4 miles from the Los Angeles International Airport, Marina del Rey is a 1960s man-made harbor with 4,200 boat slips for power and sail boats, residential complexes, hotels, waterfront restaurants, and yacht clubs. Visitors may rent bicycles, water SUPs, sailboats, go parasailing, or simply enjoy watching harbor activity from perimeter promenades, especially at Burton Chace Park and Fisherman’s Village.

*Author: Willie Hjorth - Marina del Rey Historical Society  
Photo: MDR Historical Society/Greg Wenger Photography*



Sally Field in *Flying Nun*.  
*Photo: MDR Historical Society/Greg Wenger Photography*

Marina del Rey’s history is a rich one. *Hoppyland*, the 1950s amusement park set up by movie star cowboy *Hopalong Cassidy* (William Boyd), was part of the dredged land that’s now Marina del Rey. This included a plethora of 1930s oil wells, which are now capped. Using the beautiful marina as backdrops, TV shows such as *NCIS*, *Dexter*, *Ray Donovan*, and earlier *Baywatch* and *The Flying Nun*, continue to film at Marina del Rey.

### *Mark your calendar for the 54<sup>th</sup> Annual Marina del Rey Holiday Boat Parade!*

Since 1963, Marina del Rey has hosted the Holiday Boat Parade. This parade features decorated boats cruising through the main channel of Marina del Rey harbor. Head to Burton Chace Park to watch fireworks kick off the event, followed by music and live commentary about each entry. You don’t want to miss this free festive spectacle!

Saturday, December 10<sup>th</sup>  
Fireworks 5:55 pm, Parade 6:00 pm – 8:00 pm

Visit [www.visitmarinadelrey.com/sailing/boat-slips/#](http://www.visitmarinadelrey.com/sailing/boat-slips/#) to book your slip reservation now! Remember to keep the waters clean and pumpout at one of the harbors four pumpout locations: Del Rey Landing, Burton Chace Park, Anchorage 47, and Basin H Launch Ramp. One can also recycle used oil for free at the LA County Used Oil Recycling Center at 13841 Fiji Way. Lastly, an absorbent pad collection and distribution location can be found close to Anchorage 47 at the LA County Department of Beaches and Harbors office.



Unique sightings at Marina Del Rey’s Holiday Boat Parade.

*Photo: MDR Holiday Boat Parade*



# Southern California Chapter

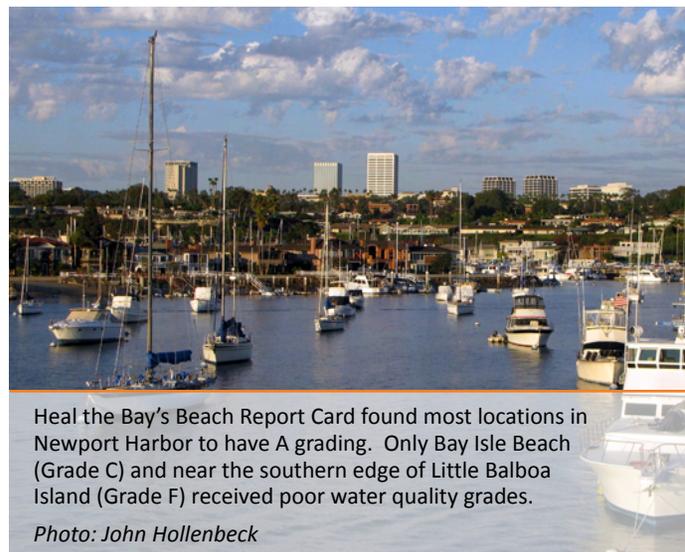
## Newport Beach Dye Tablet Program



Newport Bay is a federally designated No Discharge Zone, which means both treated and untreated vessel sewage cannot be discharged into the water.

*Photo: John Hollenbeck*

“Permission to board, Captain?” Perhaps the most important question one asks of a boat owner before setting a foot on board. The history of boating is embedded in the idea that the Captain is a revered figure, to be honored and respected. Boating is also inextricably tied to notions of freedom and exploration. Boaters are free agents bowing only to the laws of nature. Nowadays, boating is heavily regulated, especially around Southern California’s dense and urbanized harbors. Overwhelming at times and perhaps a little annoying, but many of these laws are in the interest of public safety and to protect an extremely sensitive and complex marine ecosystem. The question remains: how do we balance protection of the environment and public safety, while still preserve the very nature of boating?



Heal the Bay’s Beach Report Card found most locations in Newport Harbor to have A grading. Only Bay Isle Beach (Grade C) and near the southern edge of Little Balboa Island (Grade F) received poor water quality grades.

*Photo: John Hollenbeck*

This year, the City of Newport Beach contended with this balancing act. The Commissioners of the City of Newport Beach recently changed the city’s municipal code to allow the Orange County Sheriff’s Department Harbor Patrol the authority to board vessels suspected of illegally discharging sewage into the water. The revised ordinance gives law enforcement the legal grounding to inspect holding tanks and administer dye tablets into a boat’s toilet on a voluntary basis. Harbor patrol is required to ask permission before boarding the boat to administer the dye tablet. Between July and first week of September, harbor patrol has administered dye tablets on 28 boats.

Commissioners hope to use this program as a deterrent to accidental and deliberate discharge of sewage in to the pristine waters of Newport Harbor and to raise public awareness that Newport Bay is a federally designated “No Discharge Zone”. Knowing that law enforcement may administer dye tablets will encourage boat owners to maintain their holding tank systems and keep y-valves closed and locked. City staff has emphasized that the revised ordinance would not mean every boat will be boarded by Harbor Patrol, only three main user groups are the focus of the program: short term anchorages, guest moorings, and live aboards.



General view of Riverbank Marina.

Photo: Riverbank Marina staff

*Delta Destination Series:*

## Visit

### RIVERBANK MARINA in the SACRAMENTO RIVER

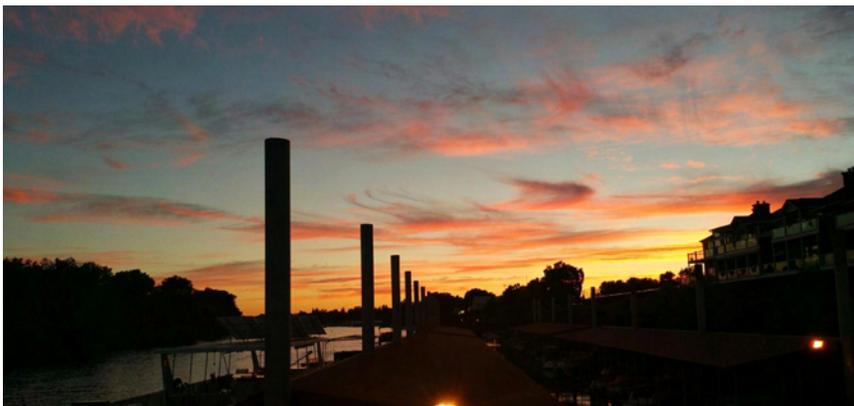
[Riverbank Marina](#), located in the Sacramento River, is celebrating its 30th year in business. Since 1986, Riverbank Marina has been offering a unique water-front setting that makes it a not-to-be-missed spot in the River City for locals and out-of-towners alike.

“The Sacramento River is truly one of this city’s gems,” said Tess Jones, Harbor Master at Riverbank Marina. “We provide a gateway to enjoying everything the river has to offer.”

Riverbank Marina, located on Garden Highway just five minutes from downtown Sacramento and Discovery Park, has over 175 covered and uncovered berths and slips, twelve office spaces, and is home to Crawdads on the River, Chevys, and Pearl on the River restaurants.

During the summer, Riverbank Marina has always been a hub of activity for boaters and water lovers. With all three restaurants offering patio dining, it is easy to see why people gather here. Towering oak trees and stunning sunsets mix perfectly with the food and refreshments on the banks of the Sacramento River.

Tenants at the marina enjoy the amenities at Riverbank Marina including gate security, a sewage pumpout station, and a fuel dock. Riverbank Marina also hosts tenant social hours in the summer months. Some marina staff are trained as Dockwalkers (environmental educators trained by the California State Parks Division of Boating and Waterways and the California Coastal Commission who share clean boating information with boaters and distribute boater kits). Dinner docking and overnight guest docking is available for visiting boaters. Friendly dock hands help boaters in and out of a slip where they are welcome to stay for a few hours or a few nights.



Sunset at Riverbank Marina.

Photo: Riverbank Marina staff

#### History of Riverbank Marina

Construction began on the marina in 1985 with most of the businesses opening by 1986. The marina’s wharf-themed design meant most of the project was built out of wood – resulting in a unique boardwalk-style upper deck. The \$8 million dollar project is still the newest marina built on the Sacramento River – and is surely to be the last due to more stringent permitting processes now in place.

Over the years, Riverbank Marina has seen firsthand the high water levels that come with the winter rains and snow melt. There are over 80 pilings that keep the marina safely floating in place.

“The marina was built to withstand Sacramento’s weather patterns,” continued Jones. “Even at maximum river levels with 80 mph winds, the pilings would hold us in place.”

As it celebrates its 30th anniversary, Riverbank Marina reflects on how much Sacramento has changed; and yet how so much is still the same. “The city has grown up in a lot of ways. But the heart of Sacramento will always be her rivers.” For more information visit: <http://riverbank.com/>



# California Delta Chapter

## Coastal Cleanup Day 2016

The state's largest annual volunteer event, Coastal Cleanup Day, occurred this year on September 17th. Approximately 800,000 people volunteered in coastal cleanups from around the world, including over 59,000 in California.

Around 2,300 volunteers across Contra Costa County picked up 16,000 pounds of trash along our shoreline. Cleanup efforts help reduce pollution in our watersheds, gather important data for policy change, raise awareness of marine debris prevention, and reduce the amount of trash in our oceans and bays. Marine debris is defined as any persistent solid material deposited into the marine environment. Debris can include plastics, metals, rubber, paper, textiles, fishing gear, vessels, and other lost or discarded items. Marine debris is a threat to our environment, navigation safety, the economy and human health. Getting involved in volunteer cleanups in our community contributes to healthy watersheds, people, and a healthy planet.

If you missed it this year, the next Coastal Cleanup Day will be September 16, 2017. Please visit [www.coast4u.org](http://www.coast4u.org) or [The Watershed Project](#) for more details.



Photo: The Watershed Project



Photo: Supervisor John Gioia

## Delta Facts: Sacramento-San Joaquin River Delta

The Delta is the largest estuary on the Pacific Coast of the United States and where two of California's largest rivers meet. Once a great tidal freshwater marsh, it is now composed of 57 leveed island tracts and 700 miles of sloughs and channels. The Delta area consists of communities, ship ports, farmlands, industries, highways, historical sites, and marinas. The Delta is currently the subject of a major Federal-State restoration effort that includes attempts to improve wildlife habitat.

The Delta's ecosystem supports over 500 species of wildlife, 20 of which are endangered, such as the salt marsh harvest mouse and the Delta smelt. Salmon migrate through the Delta to freshwater rivers to spawn. The Delta is a part of the Pacific Flyway, providing habitat for thousands of migratory birds.

The State Water Project (SWP) and the federal Central Valley Project (CVP) depend on the Delta waterways to carry water from Northern California rivers to southern pumping facilities in San Joaquin Valley and elsewhere in central and southern California.



Aerial view of the Delta.

Photo: (c) 2016 Hillsborough Garden Club. All rights reserved.

- **Population:** 515,264 (2000 Census).
- **Rivers flowing into the Delta:** Sacramento, San Joaquin, Mokelumne, Cosumnes, and Calaveras.
- **Levees:** 1,100 miles. These levees are critical to the prevention of San Francisco Bay saltwater contaminating freshwater for communities and farms.
- **Water Supply:** Drinking water for more than 23 million people; supports California's trillion dollar economy (fifth largest in the world) and \$27 billion agricultural industry.
- **Agriculture:** Serves agricultural areas in the Bay area, Silicon Valley, the San Joaquin Valley, the Central Coast, and Southern California. Its fertile peat and peaty alluvium soil produces crops such as asparagus, pears, corn, grain and hay, sugar beets, and tomatoes, which bring in over \$500 million annually.
- **Recreation:** User days annually 12 million. The most popular recreational activities in the Delta are boating, fishing, leisure cruising, wake boarding, skiing, swimming, and bird watching.



Crescent City Harbor aerial photo.  
Photo: Bellingham Marine

Destination Series:

Visit

## CRESCENT CITY HARBOR

The new Americans with Disabilities Act compliant marina has 240 slips, ranging in length from 70 to 30 feet, a sewage pumpout station on the check-in dock, a bathroom facility with showers, laundry, and even an enclosed fish cleaning station at one end of the structure.

Author: Charles Helms, Crescent City Harbor, Harbormaster

Crescent City Harbor (Del Norte County), the northernmost port in California, located about twenty miles south of the Oregon border, is the only Harbor designed with tsunami resistant technology in mind. In March 2011, the Tohoku tsunami completely destroyed the marina, obliterating all the docks and sinking seventeen vessels. It took until March of 2014 to build the new tsunami resistant harbor. Designed to resist a 50 year tsunami with a fifteen foot wave, one of the design features is a wave attenuator dock, called "H" Dock, which is 400 feet long. H Dock is composed of ten 39 foot dock sections, each weighing just under 160,000 pounds, and extending seven feet down into the water. The dock was designed to absorb the tremendous surge force of the tsunami and transfer it to the ground.

The harbor offers a variety of pollution prevention services for boaters including used oil collection, bilge pumpout, and used oil absorbent distribution and collection for a small charge. There are two fishing line recycling stations at the harbor installed in partnership with the California State Parks Division of Boating and Waterways and California Coastal Commission's Boating Clean and Green Program, one at the marina and one at the launch ramp.

Crescent City Harbor has a 35 ton Travel Lift, a mobile crane and forklifts plus a self-help boat yard for boaters wishing to do their own work. There is a three mile long sandy beach on the south side of the district where you can swim, surf, and paddle board. In case you didn't bring your water sports equipment, there's a rental shop that stocks all your surf and paddle sports goodies, including wet suits. They also rent bicycles so you can cruise the California Coastal Trail which winds through the harbor.

There are two RV parks on property, a marine supply store which also rents fishing and crabbing gear, two "fresh off the boat" seafood markets, a casual beachfront burger bar, a full service seafood restaurant overlooking the Sea Lion docks, an art gallery, and the Harbor District Gift Shop. For more information about the harbor, visit: <http://www.ccharbor.com/>

## Coastal and Inland Clean-Ups Net Tons of Trash During the 2016 California Coastal Cleanup Day

On September 17th, the state celebrated the 32rd anniversary of California Coastal Cleanup Day (CCD).

The boating community demonstrated its interest and commitment to keeping the coast clean by participating in the annual state and international effort. As part of the boating facilities coastal cleanup effort, 864 volunteers cleaned 44.5 miles and collected 17,249 pounds of trash and recyclables on land and by sea using 64 vessels (kayaks, canoes, and dinghies). Thirty percent of these volunteers brought their own reusable cleanup supplies. Dana Point Harbor in partnership with Dana Point Yacht Club conducted a comprehensive cleanup not only on the shoreline but also underwater and on-the-water.



Participants enjoying their efforts on the water during the 2016 Coastal Cleanup Day in Dana Point Yacht Club.  
Photo: James and Stephanie Lenthall, Dana Point Yacht Club

*Continued on next page.*



# Northern California Chapter

## Coastal and Inland Clean-Ups Net Tons of Trash During the 2016 California Coastal Cleanup Day

*Continued from previous page.*

For the California event as a whole, more than 59,000 volunteers participated this year. Those volunteers collected 1 million pounds of trash and recyclables, cleaning up over 1,500 miles of shoreline.

The California Coastal Commission and California State Parks Division of Boating and Waterways would like to thank the following boating facilities, coordinators, and partners for their participation:

### Marinas, yacht clubs and other boating facilities:

- Aeolian Yacht Club
- Ballena Bay Yacht Club
- Ballena Isle Marina
- California Yacht Marina
- Dana West Marina and Dana Point Harbor
- Dana Point Yacht Club
- Ebony Yacht Club
- Glen Cove Marina and Glen Cove Yacht Club
- Grand Marina
- Half Moon Bay Yacht Club
- Humboldt Aquatic Center
- King Harbor Yacht Club
- Korth's Pirates' Lair Marina
- Lake Merritt Institute
- Lake Merritt Boating Center
- Martinez Marina
- Oakland Yacht Club
- Oakland Marinas
- Owl Harbor Marina
- Pillar Point Harbor
- Port Royal Yacht Club
- Port Royal Marina
- Redondo Beach Yacht Club
- San Francisco Marina
- San Jose Yacht Club
- San Leandro Marina and San Leandro Yacht Club
- Sandy Beach Park, Rio Vista
- Santa Cruz Wharf and Harbor
- Seal Beach Yacht Club
- Sequoia Yacht Club
- Shoreline Yacht Club
- Sun Harbor Marina
- Vallejo Marina

### County Coordinators/Partners

(These organizations lent invaluable support to the boating facilities and the on-the water cleanups):

- Alameda County Industries
- American River Parkway Foundation
- Aqua Safari
- Aquarium of The Bay
- Avila Kayaks
- California Canoe and Kayak
- City of Alameda
- City of Long Beach
- El Dorado Nature Center
- Dana Point Youth Foundation
- Delta Kayak Adventures
- Delta Protection Commission
- ECOSLO
- Heal the Bay
- Humboldt Bay Keeper
- I love A Clean San Diego
- Monterey Bay Sea Otters Dive Club
- Northcoast Environmental Center
- Orange County Dana Point Harbor
- Orange County Parks Volunteer Services
- Orange County Sea Scouts
- Pacific Inter-Club Yacht Association
- Pacifica Beach Coalition
- San Mateo County Water Pollution Prevention Program
- Save Our Shores
- Solano Resource Conservation District
- The Clean Ocean's Project
- US Coast Guard Auxiliary
- Venture Quest Kayaks

If you aren't already part of this effort, **we invite you to join us in 2017**. For information on how to participate, visit <http://www.coastal.ca.gov/publiced/ccd/boating.html> or contact the coordinator: Vivian Matuk, (415) 904-6905. We hope your boating facility can be part of this worthwhile event.

## California On-Board Fishing Line Recycling Program Expands

The Boating Clean and Green Program (BCGP), in partnership with the Greater Farallones & Monterey Bay National Marine Sanctuaries, expanded the onboard fishing line recycling program as a result of a successful pilot program.

In 2014, the Santa Barbara Harbor staff in partnership with BCGP installed a fishing line recycling container onboard the charter vessel, *Stardust*. The installation and service provided by this container was easy and convenient and a big hit with fishermen and *Stardust* owner, Jason Diamond. The recycling program onboard the *Stardust* has been extremely successful. To date, more than 30 pounds of fishing line has been collected and properly recycled - stretched out, this line would extend from San Francisco to Vacaville. Currently, two Santa Barbara charter boats have the on-board recycling container.



On-board fishing line recycling container on the *Huli Cat* vessel.  
*Photo: Tom Mattusch, Huli Cat*

Charter vessel, *Stardust* in Santa Barbara Harbor and its on-board collection container.



*Photo: Stardust*

Based on this pilot project, feedback from the harbor and *Stardust* staff, BCGP staff started a partnership with the Greater Farallones & Monterey Bay National Marine Sanctuaries to expand this program in the Bay Area. Staff researched the list of charter boats in the Bay Area, Santa Cruz, and Monterey. Through this Program, currently there are 20 onboard fishing line collection containers already installed thanks to the partnership established with 16 charter companies.

## Little Things That Matter

### Dock Box Clean Out!

Winter is here and it's time for dock box clean outs.

- ⤵ Get rid of products you don't need. Consider donating items to local charities.
- ⤵ Dispose of hazardous waste properly, visit [earth911.org](http://earth911.org) or call (800) CLEAN-UP (253-2687) for recycling locations near you.
- ⤵ Store batteries with positive and negative terminals away from each other and in a cool, dry location. Batteries are hazardous waste and should be disposed of properly.
- ⤵ Wipe oil, grease, and dirt off of tools and equipment before storing.
- ⤵ Rinse fishing equipment with fresh water and dry thoroughly.
- ⤵ Don't store expired flares in your dock box. [Click here](#) for a list of counties accepting expired flares. If your county does not accept expired marine flares, please contact your local fire department, police station, or the California Department of Toxic Substances Control (800-728-6942) for assistance. Another option is to ask your local [Certified Unified Program Agency](#) for assistance.

Keep your dock box clean by establishing a routine; always wipe up drips and spills immediately and wipe down surfaces regularly.

## Making a Difference One Boater At a Time

*Continued from front page.*

The following Dockwalkers administered and returned the highest number of surveys and will join the ranks in the Dockwalker Hall of Fame:

- ✦ **Charlie Duncan** - USCG Aux, Shasta Co.
- ✦ **Tom & Linda Tcimpidis** - USCG Aux, Los Angeles Co.
- ✦ **Gary Peterson** - USCG Aux, San Diego Co.
- ✦ **Stephanie Gomez** - Environmental Steward, Los Angeles Co.
- ✦ **Richard Huffman** - US Power Squadrons, San Joaquin Co.
- ✦ **Jim Minkel** - USCG Aux, Solano Co.
- ✦ **Bob Naquin** - Bay Yachts, San Joaquin Co.
- ✦ **Anne Sacks** - Boater, Los Angeles Co.
- ✦ **Maggy Herbelin** - USCG Aux, Humboldt Co.
- ✦ **Tanya Weimer** - US Power Squadrons & USCG Aux, San Diego Co.
- ✦ **Peter W. Kyryl II** - USCG Aux, Santa Cruz Co.
- ✦ **Tim Fontaine & Vickie Bauman** - Village West Marina, Sacramento Co.
- ✦ **Angie Montalvo** - CA Dept. of Fish and Wildlife, Sacramento Co.
- ✦ **Jim Goff** - USCG Aux, Sacramento Co.
- ✦ **Karyn Baron** - Riverbank Marina, Sacramento Co.
- ✦ **Lilli Ferguson** - USCG Aux, Marin Co.

Awards included:

- ⤵ Fleece jackets from West Marine
- ⤵ Trader Joe's products
- ⤵ Gift certificates to
  - See's Candies
  - Starbucks Coffee
  - Bed, Bath and Beyond
- ⤵ Tickets to
  - Aquarium of the Pacific, Long Beach
  - State Parks tickets
  - Santa Monica Pier
- ⤵ Hornblower Yacht Cruise brunch for two people
- ⤵ Life Jackets

Thank you for all that you do for clean boating education and improving the health of our waters!

To learn more about the Dockwalker Program, upcoming trainings or to schedule a training class, visit [www.BoatingCleanandGreen.com](http://www.BoatingCleanandGreen.com) (click on "Dockwalkers") or contact the program coordinator, Vivian Matuk, at (415) 904-6905 or [vmatuk@coastal.ca.gov](mailto:vmatuk@coastal.ca.gov).

#### Changing Tide Staff:

##### Southern California Chapter

The Bay Foundation

[www.santamonicabay.org](http://www.santamonicabay.org)

Grace Lee

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##### Delta Chapter

Contra Costa County

[www.keepthedeltaclean.org](http://www.keepthedeltaclean.org)

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##### Northern California Chapter

California State Parks Division of Boating And Waterways, California Coastal Commission

[www.BoatingCleanandGreen.com](http://www.BoatingCleanandGreen.com)

Vivian Matuk

[vmatuk@coastal.ca.gov](mailto:vmatuk@coastal.ca.gov) ↓ (415) 904-6905

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