



THE CHANGING TIDE

Summer 2006

Clean Marinas California Program

Article contributed by H. P. "Sandy" Purdon, General Chairman



In 2003, marinas from Dana Point to Chula Vista in Region 9 of the Regional Water Quality Control

Board (RB9) were noticed that they may be coming under a new permit and more regulations because RB9 was concerned that marinas were a significant source of unregulated pollution. The owners and operators of these marinas quickly took action by forming an alliance of both private and municipal marinas and yacht clubs to see what could be done to address RB9's concerns in a fiscally acceptable fashion.

It was determined that a "clean marina" program might address RB9's concerns and sidestep the need for a new permit. A committee was formed (Tim Leathers from Almar Marinas,

Vikki McMillan from Southwestern Yacht Club, and Frank Quan from Oceanside Municipal Marina) to develop clean marina program content. The committee also developed a manual from topics and content gathered from various programs from other states and specific issues indigenous in California. Leigh Taylor Johnson, Marine Advisor from the University of California Sea Grant Extension Program, advised on the development of the program and provided technical assistance.

The basic tenet of the program is to address real environmental issues through "Best Management Practices" (BMPs). Additionally, the program is directed, administered, and financed by the marina industry at minimal expense. The program was launched in the spring of 2004.

Once the program content was determined and addressed, a method of scoring was developed that took into account that every marina, large or small, was different from the next. Yet, many content items in the program need to be addressed by every marina and yacht club. These were put into a "mandatory" column for scoring. Then a column for "additional" issues was developed. Here, there would be room to make a requirement "not applicable" depending on the marina facility. Marinas must receive 100% score for implementation of the mandatory BMPs and a minimum 65% score for the additional BMPs. The certification is good for three years.

Since 2004, 41 marinas and yacht clubs have been certified including two lake and two military marinas and a marina in Mexico. The goal of this industry driven program is to certify a majority of marinas in California over time and to share the content and information with anyone who asks.



Check the Clean Marinas California website to learn more about the scoring system:

www.cleanmarinascalifornia.org

Cabrillo Marina in the Port of Los Angeles is a designated 'Clean California Marina.'

Continued on back cover



A California Clean Boating Network Publication
Presented by the
Santa Monica Bay Restoration Foundation, California
Coastal Commission, the State Water Resources Control
Board, and the California Bay Delta Program
in cooperation with the
California Department of Boating and Waterways
and the California Integrated Waste Management Board



what do you have to say?

A first-of-its-kind study on boating in Marina del Rey sets sail in September

A collaboration between the Department of Boating and Waterways and the Santa Monica Bay Restoration Foundation, the study evaluates the effectiveness of boater outreach and education, seeks to better understand boaters, boating activities, environmental perceptions, and vessel waste disposal programs in Marina del Rey.

Marina del Rey is undisputed as Southern California's premier harbor facility for private recreational boats. In recent years, increasing attention has been paid to environmental quality in harbors, and Marina del Rey is no exception. However, little information has been collected from the primary users of Marina del Rey - **recreational boaters**. Information collected directly from boaters will be used towards ongoing and future management of this important harbor.

Specifically, this study will look at boat and boater characteristics, frequency of use and satisfaction with various methods of sewage disposal, attitudes and perceptions about environmental quality regarding vessel sewage, and exposure to environmental education.

Research questions include:

- ⚓ What type of boats and boaters use Marina del Rey?
- ⚓ What sort of activities do people engage in from their boats?
- ⚓ How do boaters feel about environmental quality in Marina del Rey?
- ⚓ How do boaters typically dispose of vessel sewage? (Pumpout services vs. public pumpouts vs. disposing offshore 3 miles?)
- ⚓ How does environmental education affect boater attitude and behavior?
- ⚓ What is important to boaters in terms of their boating experience in the harbor?

Boaters participate in the confidential study by filling out a survey questionnaire and returning it by postage pre-paid mail to the study team.



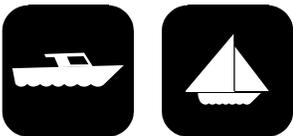
Look out for the study in the mail! Take advantage of this rare opportunity to voice your opinion!

So... Do you like winning free stuff?

Although the survey is anonymous, boaters may fill out a detachable card with their contact information for a chance to win a wide array of prizes such as:

- ⚓ Handheld GPS unit
- ⚓ Dinner or Brunch for two
- ⚓ Discounts at local businesses
- ⚓ Free kayak rentals
- ⚓ Copy of the Southern California Boater's Guide

Participating businesses include: California Pizza Kitchen, Casa Escobar, Chipotle, El Torito, Islands, Tony P's Dockside Grill, Sport Chalet, & West Marine.



Contact Grace Lee for more information about this project: [213/576-6648](tel:2135766648) or glee@waterboards.ca.gov

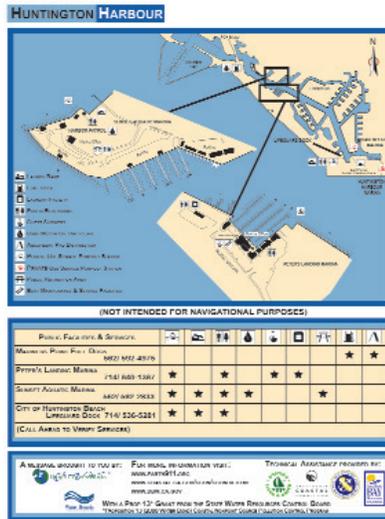


What's going on in Orange County?



PGW, a non-profit organization started in 2000 received a Proposition 319h Grant from the State Water Resources Control Board to outreach to boaters and residents living in the cities of Huntington and Newport Beach.

PGW's goals are to raise awareness concerning ocean pollution and to give people the resources to change habits that will benefit the environment. PGW will be distributing information, implementing a K-12 school program, and hosting different outreach events to educate the public about pollution issues that are affecting the quality of ocean waters, public health, and marine life.



Environmental Services Map of Huntington Harbour Produced by Project-GreenWorks

FUTURE EVENTS:

**Harbor Clean Up Day
Huntington Harbour**

Sat, October 7, 2006

**Clean Boating Conference
Newport Dunes Resort**

Friday, March 2, 2007

DOCKWALKER TRAINING

In partnership with the California Coastal Commission, Santa Monica Bay Restoration Foundation, and the USCG Auxiliary, PGW will be bringing back the Dockwalker Program to Huntington and Newport Harbors. A Dockwalker Training Day is scheduled for **Sat, September 23, 2006.**

If you are interested in becoming a Certified Dockwalker, please email Project-GreenWorks at project-greenworks@sbcglobal.net and type "DockWalker Training RSVP" as your subject line. For additional information regarding Project-GreenWorks and our Education Program contact Carrie A. Katsumata at (714) 606-6996.

GOT A BOAT? USE A PAD!

Last year in Newport Beach, there was an estimated 1,050 gallons of oil soaked up by bilge pads.

Boaters' engine leaks and spillage during oil changes were contaminating ocean recreational waters and affecting marine life in Orange County. The challenge was to provide boaters with an effective way to dispose of oil contamination commonly found in the bottoms of their crafts.

In response, the Orange County Health Care Agency began offering a free exchange program for bilge pads. Paid for through grants

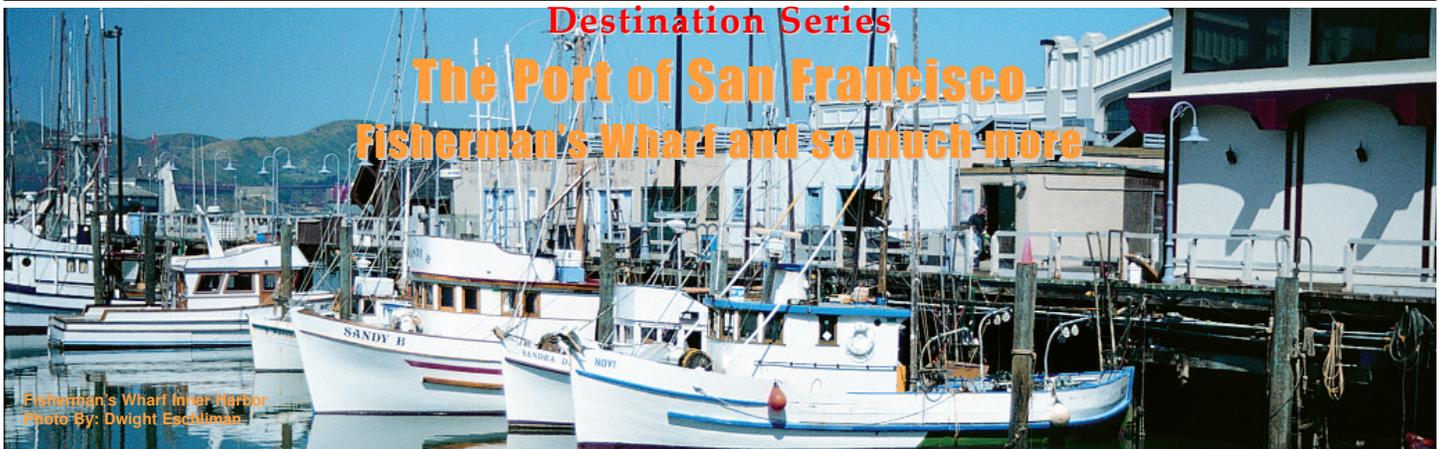
and partnerships, the pads are given away free to boaters at exchange locations such as fuel docks and marinas. The boaters can then return the used pads to these locations for proper disposal.

Once the exchange programs were in place, an educational and promotional campaign - **Got a Boat, Use a Pad** - was launched to ensure that boaters took advantage of the program.

Currently, there are two Harbor Clean and Green Campaigns in operation, one in Dana Point (since 1998) and another in Newport Harbor (since 2004). A third Campaign is being implemented in Sunset Harbor.

The ultimate success of these campaigns is the diversion of oil contamination from public waters.





Fisherman's Wharf Inner Harbor
Photo By: Dwight Eschliman

The Port of San Francisco occupies seven and one-half miles along San Francisco's eastern and northern waterfront, extending from the Pier 96 shipping terminal in southeast San Francisco north to Hyde Street Pier and Aquatic Park.

Commercial, maritime and public activities are available at the Port, which supports a wide range of businesses, including cargo shipping, ship repair, excursion boats, ferry boats, sport fishing, and tourism. Tourism is San Francisco's number one industry, and many of the city's leading tourist attractions are located at the Port, including the Hyde Street Pier, Fisherman's Wharf, PIER 39, and the recently renovated Ferry Building.



Photo By: Dwight Eschliman

The Port is entering the final phase of a decade-long commitment to revitalizing the commercial fishing industry at Fisherman's Wharf, home to the largest commercial fishing operation in northern California. The Port's recent investment in commercial fishing infrastructure totals more than \$17 million, including over \$700,000 in direct environmental improvements that will benefit both commercial and recreational boaters. Environmental features and services recently incorporated at Fisherman's Wharf include:

- ✓ A dock design at Fisherman's Wharf Hyde Street Harbor that acts as a permanent containment boom to help prevent floating material from migrating beyond Fisherman's Wharf into an adjacent public swimming beach;
- ✓ Sewage pumpout services at Hyde Street Harbor for recreational and commercial boat sanitary systems;
- ✓ Sub-deck secondary spill containment beneath the Hyde Street Harbor fuel dock;

- ✓ A new, doubly contained system for boat engine oil extraction and disposal;
- ✓ An oil and oily-waste recycling facility, for use by harbor tenants and recreational boaters without charge;
- ✓ Purchase and deployment of \$125,000 in oil-spill response equipment; and
- ✓ A state-of-the-art bilgewater pumpout and treatment system.

The new bilgewater system represents the culmination of a four year design effort. The system uses an innovative technology known as "electrocoagulation" to achieve enhanced separation of oil, allowing for discharge of the treated bilgewater to the San Francisco sewer system. The small volume of oily sludge produced by the treatment process is managed as hazardous waste. Use of the new bilgewater system, as well as other environmental services, can be arranged by calling the Port's Hyde Street Harbor office at (415) 275-0513. Services are available every day of the week between 9 AM and 5 PM.

The Port encourages commercial and recreational boaters to use the new Hyde Street Harbor facilities and enjoy the pleasures that the San Francisco waterfront has to offer.

Contributing Writers: John Mundy (Port of San Francisco) and Vivian Matuk (Boating Clean & Green Campaign)



Hyde Street Harbor
Photo by: John Mundy



The Boating Clean & Green Campaign:

A Partnership between the California Department of Boating and Waterways and the California Coastal Commission

In 1997 the CA Coastal Commission (CCC) started the **Boating Clean and Green Campaign**. Beginning in 2006 the Campaign is being conducted jointly by both the **Department of Boating and Waterways** and CCC. The **Campaign** educates boaters about environmentally and safe sound boating while assisting marinas and local governments in identifying the need for and installing pollution prevention services for boaters. The components of the **Campaign** generally fall within the following categories:

Research. The **Campaign** has conducted research to better understand the obstacles to clean boating and to assess the need for services. Efforts to date have included: 1) a survey of boat maintenance practices and attitudes of CA boaters; 2) an investigation of educational approaches for motivating boaters to change behavior; and 3) a needs assessment study to identify available pollution prevention facilities and services and geographic gaps in service.

Technical assistance. The **Campaign** provides technical assistance to marina operators and local clean boating programs, both by providing tools for local clean boating efforts and helping to get the needed environmental services installed. More than 110 organizations have received technical assistance from the **Campaign** to date.

Education. The **Campaign** conducts direct outreach to boaters, provides educational materials and tools for other boater education efforts, and trains volunteer educators: Dockwalkers. There are over 500 Dockwalkers statewide who have distributed more than 52,000 boater kits since the year 2000.

DOCKWALKER



150 fuel dock signs developed and distributed

- ✓ **Website**
www.coast4u.org click on Boating Clean & Green)
- ✓ **California Marinas GIS Database.** This database includes information about California marinas and associated environmental services.

Pollution Prevention Networking - The California Clean Boating Network (CCBN)

The CCBN consists of a collaboration of marine business, boating associations, government, environmental and academic organizations and local boaters who meet quarterly to network and consider new topics in clean boating education and technologies. There are currently three CCBN chapters: Northern California, Southern Coast and the Delta Chapter.

You Can Help Protect Our Waterways - Get involved with the Campaign

- ✓ Become a volunteer **Dockwalker** to conduct boater-to-boater education and distribute boater kits. Contact the Campaign: (415) 904-6905 to register for a FREE training class. We document community service hours.
- ✓ Participate in the **California Clean Boating Network**. Contact Vivian Matuk: (415) 904-6905 or vmatuk@coastal.ca.gov to learn more and to participate in future meetings.

Visit our website at www.coast4u.org and click on "Boating Clean and Green" or contact Vivian Matuk at (415) 904-6905 or vmatuk@coastal.ca.gov to learn more about the Campaign.



"KEEP THE DELTA CLEAN" PROGRAM UPDATE

The following is an update on the "Keep the Delta Clean" Program that began in 2004 in the Sacramento-San Joaquin Delta. This innovative Program was founded by Contra Costa County Public Works, Watershed Program and has been conducted in partnership with the CA Department of Boating and Waterways, and the Coastal Commission's Boating Clean & Green Campaign. Funding is provided by a grant from the State Water Resource Control Board and California Bay-Delta Program.

Boater Kit Distribution



Contra Costa County Watershed Program's boater kit is filled with educational materials and useful boating items that feature our spokesfish, Stanley the Striped Bass. After just four months of promotion all **5,000 boater kits** have been distributed to boat owners, yacht club commodores, and marina operators in the Delta.

These popular bags may reappear in the future as more funding is secured.

In Memoriam - Hal Schell

Harold "Hal" Schell, 76, the man who chronicled the Delta lifestyle through his writings, maps, and newsletters, passed away June 9, 2006 due to complications from a stroke he suffered last year. More than any other Delta figure, Schell epitomized what it means to be a Delta "river rat." His Delta map, which the Keep The Delta Clean Program used as a guide in creating their new map, is still the most widely used in the region.

Schell's monthly e-mail newsletter, the "California Delta

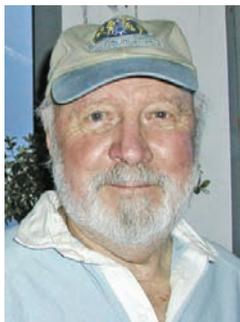


Photo of Hal Schell courtesy of the Delta Chambers website

Scuttlebutt," has reached thousands of readers, providing valuable information to experienced Delta boaters and newcomers alike. His ashes were spread on the waters of the Delta that he loved so well and a public memorial service was held July 16 at Tower Park Marina. He is survived by Joanie, his wife of twenty-five years and his two sons, Rodney and Scott.



Stanley the Striped Bass

2006 Dockwalker Trainings

This is the second year of partnership among Contra Costa County, the CA Department of Boating and Waterways, and the Coastal Commission's Boating Clean & Green Campaign. Agency representatives held the first Dockwalker training of 2006 on **June 17** at Stockton's Cesar Chavez Central Library. More than 20 boaters attended and learned about environmentally sound boating. Now they are prepared to distribute boater kits and educational materials at the marinas, boat launch ramps, and boating events that they frequent. The most active Dockwalkers will receive a jacket from West Marine at the end of the boating season. The next Dockwalker training class will be **July 22** at the Oxbow Yacht Club in Isleton.

To become a Dockwalker contact Vivian Matuk at (415) 904-6905 or visit www.coastal.ca.gov/ccbn/ccbndx.html to register for a FREE training class in the Delta.

New Marina On Board

In June, **Holland Riverside Marina** joined the Keep the Delta Clean Program team. They received:

- 1) An informational kiosk to display educational posters on current boating topics, and
- 2) An Oil absorbent Exchange Center where boaters can pick up free oil absorbent bilge pillows and properly dispose of saturated absorbents.



Dan Jordan by the new kiosk and oil absorbent pad dispenser at Holland Riverside

- 3) Boater kits for their tenants and visitors.

News from the Delta Chapter



The Delta Marina with a Caribbean Soul: *Holland Riverside Marina*



Nancy Heinesen on her beach; marina office/Mini-Mart in the background.

Located on Holland Tract, Holland Riverside Marina is a beautiful location with vibrant colors and a laid-back vibe, courtesy of owners Lars and Nancy Heinesen who purchased the once dilapidated marina

and transformed it into the perfect delta destination. It is located on fast water, making it an ideal place for boaters to stop by for ice and snacks or to use the sewage pump-out. Nancy recently sat down with us to tell us about her marina after a tour of her lovely floating home.

What is the history of your marina?

My husband and I bought this marina four and a half years ago (2002) along with two others: Cruiser Haven and Glen Cove Marina. They had been owned for twenty five years prior to that by Western Waterways, but were in pretty bad shape when we got here. The marinas were nearly bankrupt and falling apart. However, after a lot of hard work we have been able to renovate all of them.

Are you a native of the Delta?

I was raised in San Francisco, but prior to owning these marinas my husband and I spent ten years running a charter boat in the Virgin Islands. We would take clients out on our sailboat for seven, ten, sometimes fifteen days at a time, sailing wherever they wanted to go. We have tons of boating experience that we are able to bring to our marinas.



The new Mini-Mart mural

What is the best thing about being located on the Delta?

The Delta is different from the Caribbean in many respects, but we love it here. We have tried to capture the feeling of the Caribbean at Holland Riverside: we made a beach and swimming area where children can play in the water.

Our location is unique in that boaters can jet ski in the fast water within clear view of the shore, enabling grandparents to watch their grandchildren ski while they relax in the shady picnic area. The Delta has a lot to offer boaters of different ages with different interests. We get quite a few fisherman here, also, who catch the bass and catfish.



View of Mt. Diablo
Photography by Dan Jordan

In your opinion, what are the areas of most concern in the Delta today?

Concerns vary depending on the particular place in the Delta. Safety is always a concern, of course. I feel that boaters should be required to have a license or at least take a class or two before they go out on the water and drive their boat. When we used to take people sailing in the Virgin Islands we would always teach them the basics of both sailing and boating safety.

Beyond safety, the water hyacinth and Egeria densa are of great concern to me. Non-native invasive species can make it very difficult for boaters to enjoy the Delta by clogging the waterways, choking off our in-water berths. They pose real problems for every aspect of life on the Delta.

What do you foresee as the future of your marina?

I will continue to keep our marina "family friendly," a place where all ages can enjoy themselves. My husband would love to get some of that white Caribbean sand to cover our little beach. Beyond that, we'd eventually like to install a fuel pump and another sewage pump-out station. We would also like to welcome more houseboat tenants as County permitting allows. This place could be a floating version of Sausalito!

For more information about Holland Riverside and the other two marinas owned by "Friendly Harbors" go to www.friendlyharbors.com/holland.html.

- Dan Jordan and Jennie McClay, Watershed Program Specialists
(925) 313-2023



Hanging canoe at Holland Riverside

Clean Marinas California Program

Continued from front cover

Program fees were determined from hard costs: certificate, burgee/flag, and decal. Fees were set at \$250 with the San Diego Port Tenants Association volunteering as fiscal administrator for the program. The Clean Marina Program provides staff to monitor the transactions of newly certified marinas and clear checks and expenses.

The program also developed a website that includes all the information marinas and yacht clubs need to know about the program including the program manual, a list of certified marinas, and letters of endorsement.

The program was presented to RB9's board and accepted as viable. In fact, in the spring of 2006, RB9 required a marina undergoing a reconstruction

plan to obtain a Clean Marinas California certification prior to continuing with the project. This important requirement sent the message that the program was legitimate in the regulators' eyes.



BMPs, such as boat maintenance, are an important part of the Clean Marinas California Program

The first marina certified was Cabrillo Isle Marina in San Diego in April 2004. During the first year, 15 marinas and yacht clubs were certified, all but three in RB9. Many areas in

California saw the need for clean marina programs and word spread rapidly. Many jurisdictions asked about the program and we shared what we had with anyone who inquired.

Due to this demand and transferable nature of the program, the Clean Marinas California Program reached out to associations with greater state wide contacts. The Recreation Marina Association (MRA) and the California Association of Harbor Masters and Port Captains were asked to partner with the program to help schedule reviews of marinas in other areas of the state. The challenge now is to get experienced reviewers qualified so that any marina that wants to be reviewed for certification gets reviewed in a timely manner.

For more information about this program and to learn how your marina can be certified, please visit: www.cleanmarinascalifornia.org.



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