



THE CHANGING TIDE

April 2005

Clean Boating Online
at Earth911.org

In 2001, the CCBN partnered with Earth911 to design a "Clean Boating Website" and bilingual telephone hotline.



Enter your zip code at www.earth911.org and find:

Clean Boating Services at California Marinas

- ⚓ Absorbent pad distribution
- ⚓ Absorbent pad disposal
- ⚓ Bilge pump-outs
- ⚓ Sewage pump-outs
- ⚓ Used marine motor oil recycling
- ⚓ Marine oil change

Tips for Clean Boating

- ⚓ Learn easy ways to be a clean boater

Clean Boating Suggestions

- ⚓ Preventive maintenance and proper fueling procedures can make a difference.

Links

- ⚓ Learn about other Clean Boating programs

CO - Carbon Monoxide

Boaters Protect Yourself from this Silent Killer!



Carbon monoxide can turn a fun outing deadly.

"Teak surfing" or "platform dragging," is a nationwide fad that involves pulling a person through the boat's wake while they hold onto the boat's stern. It's the latest new thing on our waterways but it's dangerous, and now it's also illegal.

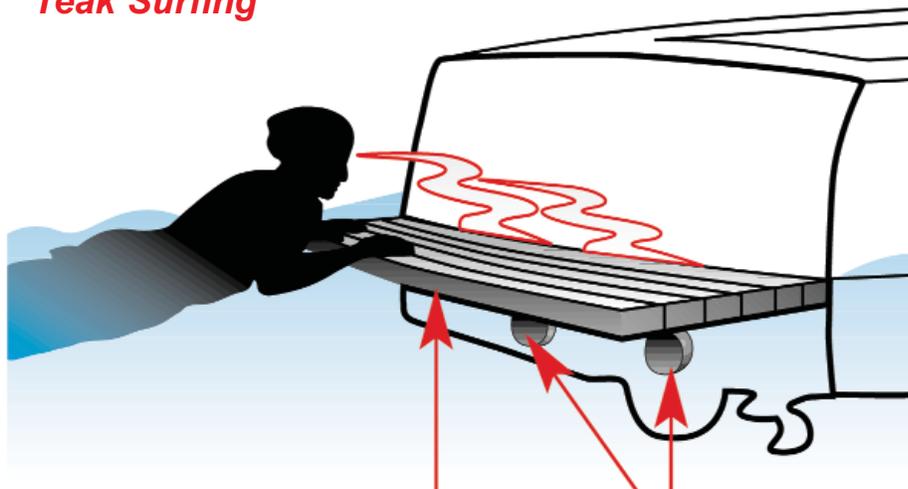
"Teak surfers are exposed to carbon monoxide from the boat's engine exhaust," said Cal Boating Director Raynor Tsuneyoshi. "It's colorless and odorless, so people don't know it's there, but they can lose consciousness in seconds and die."

Between 1990 and 2004, 571 boating-related carbon monoxide (CO) poisonings were reported nationwide, including 113 deaths. Forty-three poisonings occurred in California. Because CO poisoning is only recently receiving attention, it is likely that many other deaths that have been attributed to drowning or heart attack may have been caused by CO.

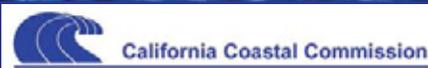
Effective January 1, 2005, California law prohibits boat operators from running the engine while someone is teak surfing or body surfing behind the vessel or on the swim step or swim ladder where they are exposed to boat exhaust containing carbon monoxide.

"Teak Surfing"

Continued on back



Swim Platform Exhaust Ports



A California Clean Boating Network Publication
Presented by the
Santa Monica Bay Restoration Foundation,
California Coastal Commission, Save Our Shores
and the Community Environmental Council
in cooperation with the
California Department of Boating and Waterways
and the California Integrated Waste Management Board

Boater Education at Work in Napa, Sonoma and Solano Counties



Outreach at Caple Cove, Lake Berryessa

C2: Alternative Services is a Santa Rosa-based consulting firm that specializes in environmental education and outreach. Partners Connie Cloak and Chris Carrieri believe that the most effective way to induce behavior change is through one-on-one outreach, similar to the California Coastal Commission's Dockwalkers Program. "When someone takes the time to engage you in conversation, ask you questions, offer you information and even give you gifts, it catches your attention," Chris points out. "And if that person then looks you in the eye and asks you to commit to taking action, chances are you are going to do it."

This strategy is at the heart of "community based social marketing," and its efficacy is backed by hard research. (For more information, check out www.cbsm.com) C2: Alternative Services staff have interacted with more than 3,000 boaters over the past four years in Sonoma County, Napa County and the City of Vallejo, providing bilge absorbent pads and explaining to boaters how to use and dispose of them.

"Our working hypothesis has always been that most boaters are not familiar with the use of bilge absorbents, but will use them if they are provided," said

Connie. "And the data over the years seems to confirm that."



For example, boater survey results in the City of Vallejo changed strikingly over two summers of outreach. In 2003, 88% of boaters surveyed at the municipal boat ramp there had never used bilge absorbents. In 2004, the number had dropped to 41%.

At Lake Berryessa, the numbers improved less dramatically. "We think that there are just so many boaters that even after three years we were approaching most of them for the first time," said Connie. "The good news is that virtually every boater we've ever approached has agreed to use a bilge absorbent."

The challenge is to get across the information about how to dispose of it—which may happen over a year later—and how to obtain a new bilge pad when it's needed.

To address this issue, Napa County has used California Integrated Waste Management Board funding to construct colorful signage reminding boaters about bilge pad disposal cans and free vending boxes for fresh absorbents located at each of seven area marinas.



Lake Berryessa, Berryessa Marina

For more information about this program contact Connie Cloak and Chris Carrieri at (707) 568-3783. For more information about the Dockwalkers Program contact Vivian Matuk (415) 904-6905 or visit www.coastal.ca.gov/ccbn/ccbndx.html

TOPIC IDEAS?

If you have ideas for article topics for our next Northern California insert, please contact Vivian Matuk at vmatuk@coastal.ca.gov or call (415) 904-6905

