

Research Questionnaire
Biofouling and boat hull maintenance
www.clr.pdx.edu/fouling

Smithsonian Environmental Research Center & Portland State University
Research Questionnaire:
Hull maintenance and biofouling of recreational craft

AIM: To assess the factors contributing to fouling accumulation on vessel hulls

Dear vessel owner or operator: Please answer the following questions regarding your boat use and hull maintenance. Your contact information is not required but if you wish to provide these details to be eligible for a prize drawing they will remain confidential. Each eligible questionnaire will be entered into a drawing for either a **\$100 Chevron gas card** or a **\$200 gift voucher towards West Marine** if returned by **April 20, 2009**. All of the information collected is for research purposes only. Please return this form to the drop box at your marina, in the return envelope provided, or fax to 415-435-7128. Please visit www.clr.pdx.edu/fouling if you would like to submit an electronic form and/or for more information on the project.

1. Today's Date: _____ mm/dd/yy

2. Type of craft: recreational sailboat/yacht recreational motorboat
 fishing boat charter fishing boat
 charter sailing other (specify) _____

3. Home marina _____

4. Please provide information on the hull maintenance techniques used on your boat.

a. Antifouling paint.

Last paint application _____ mm/yy

Product or product type used: _____ Don't know

b. Manual hull cleaning (brushing, scrubbing, water-blasting, etc):

Have you manually cleaned your hull since paint was last applied?

Yes No

If yes, how often: _____ times Most recent: ____/____ mm/yy

If yes, what methods did you use: _____

If yes, where, check multiple boxes if applicable:

- in-water at a marina on a trailer at a slip
 on a trailer at a garage/at your home Other (specify _____)

5. Please provide some information on the use and movements of your boat during the past 12 months. Check multiple boxes if they apply and write on page margins if needed.

All of my trips were within my local bay, with no overnight stays

About how many trips: _____ trips

I traveled by boat to the following coastal locations:

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

I trailered my boat to the following coastal locations:

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

I trailered my boat to other locations (rivers, lakes, across country). Provide some details:

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

Location _____ No. of trips ____ Usual duration _____

6. CENTRAL CALIFORNIA RESPONDANTS ONLY: We would like an opportunity to **assess biofouling on your vessel**. In late April and May, we intend to visit several marinas in Central California and use an underwater camera and divers to examine biofouling on boat hulls. Hull assessments with the camera take about 30 minutes to complete and your boat's hull will not be scraped or interfered with (visual examination only). If you opt to allow divers, we will collect fouling organisms from small patches on your hull using flexible, plastic tools only. You are not required to be present but are very welcome to view the footage of your vessel's hull and ask any questions you may have.

- YES, I would like to participate and I will allow a camera and diver survey of my boat's hull. I am providing my contact details below for hull surveys and inclusion in the prize drawing.
- YES, I would like to participate and I will allow a camera survey of my boat's hull (no divers). I am providing my contact details below for hull surveys and inclusion in the prize drawing.
- NO, I do not wish to participate in the hull survey but I am providing my contact details below for inclusion in the prize drawing.
- NO, I do not wish to participate and choose to remain anonymous. I understand that I will not be included in the prize drawing.

Name:

Contact information (email, phone):

Slip # (for those who checked YES on question 6):