

# Canadian Boat Survey

**Background:** We are conducting a short survey (20 minutes) of small boat owners and operators using British Columbia's marine waters. The purpose of this survey is to gauge the amount of small boat traffic in BC waters and search for hot spots of boating activity. We will combine this with information about common antifouling practices and compare to the level of fouling commonly found on boat hulls. On recreational boats fouling species can attach to the hull, prop, anchors, lines and fishing gear. Increased fouling on small boats can negatively affect fuel efficiency, speed and cause increased maintenance costs to boat owners.

Small boats may also serve as transportation for fouling plants and animals. Some of these species may be new to BC or Canada. The introduction and spread of new species in Canadian waters poses a large threat to native biodiversity and can have widespread effects on both our economy and health. Some of these species can become pests that cost money to control or remove.

We would greatly appreciate your cooperation in this study and for your time, would like to offer you a ballot in the draw to win a **\$100 gift certificate** at West Marine. You are eligible to enter the draw even if you do not choose to complete the questionnaire.

**Use of data collected:** All information collected is for research purposes only. Your contact information will remain confidential, and responses are not connected to your identity in any way. Your contact information will only be used to enter the prize draw and will be destroyed immediately after the winner is announced. If you do not wish to enter the draw and wish to remain anonymous, you do not need to fill in your name or contact information. Your completion of the following questionnaire indicates that you consent to participate in this research.

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Date survey completed: \_\_\_\_/\_\_\_\_/\_\_\_\_ (dd/mm/yyyy)

1. Permanent residence information

Province/State \_\_\_\_\_  
Country \_\_\_\_\_

## Part I: Your Boat

2. Type of craft:

- Sailboat
- Power boat
- Converted fish boat
- Personal watercraft (eg. Seadoo)
- Other (specify) \_\_\_\_\_

3. Hull type:

- Wood
- Aluminum
- Fibreglass
- Other (specify) \_\_\_\_\_

4. Size of craft: Length (in feet) \_\_\_\_\_  
and/or Displacement ( in tonnes) \_\_\_\_\_

5. Where is your boat stored? Please check one of the following four choices.

- In the water year-round.  
 What is the name and location of your home marina?  
 Name \_\_\_\_\_  
 City or Town \_\_\_\_\_  
 Province/State \_\_\_\_\_  
 Country \_\_\_\_\_
- In the water only part of the year.  
 Which marina do you use \_\_\_\_\_  
 How long was your boat stored in the water during the past 12 months?  
 \_\_\_\_\_
- Stored on land and trailered to launch site.  
 What is the boat launch you most commonly use? If unknown please write the  
 closest city or town to the boat launch  
 \_\_\_\_\_
- Other (please specify) \_\_\_\_\_

## Part II: Antifouling

6. What types of antifouling practices do you employ on your boat? Please fill in all that apply.

- None**
- My boat is brand new and has not been cleaned yet**
- I recently bought my boat and do not know its antifouling history**
- Antifouling paint:**  
How often do you apply antifouling paint to your boat's hull (or have it applied?) eg. Once a year, Every two years, etc. \_\_\_\_\_  
\_\_\_\_\_

What was the date of the last antifouling treatment you applied or had applied to your boat: \_\_\_\_/\_\_\_\_ (month/year)

What type\* of antifouling paint did you apply during your last application treatment? If you can remember please enter the brand name of the paint in addition to the type. If you do not know the type of paint, you can enter the brand name only.

- Ablative
- Hard
- Combination
- I don't know

Product brand name used (if known): \_\_\_\_\_

\* Ablative antifouling paints are designed to wear away as your boat moves through the water, sloughing off fouling organisms. Hard antifouling paints bond to the boat hull and release biocides upon contact with water. Biocides are chemicals that kill fouling organisms and are often called "slime fighters". Some paints have a combination of these two properties.

- Manual hull cleaning** (brushing, scrubbing, pressure-wash, etc.):

What was the date of your last manual cleaning?  
\_\_\_\_/\_\_\_\_ (month/year)

What methods of manual cleaning do you employ? Check all that apply.

- Scrubbing
- Scraping
- Power washing
- Other (please specify) \_\_\_\_\_

Where do you perform your boat's manual hull cleaning? Please select all that apply.

- In water
- On tidal grid
- In dry dock

- On land
- Other (please specify) \_\_\_\_\_

### Part III: Boat Movement

Please provide information on the use and movement of your craft within the **past 12 months**:

7. What types of trips did you take on your boat within the last 12 months? Check all that apply.
- Locals – out and back to home marina in one day
  - Racing – trips made for the purpose of racing the boat
  - Weekenders – trips of a few days duration visiting 1-2 different moorages
  - Long trips – long haul travel to destinations further away, once there remain in a single moorage the entire time
  - Tours – long trips with multiple destinations along the way, staying in each moorage for only a few nights
  - Other (please specify) \_\_\_\_\_
  - \_\_\_\_\_
8. In the last 12 months, what was the maximum amount of time you spent moored, tied up, or anchored in any single place outside your home marina?
- |                                       |             |
|---------------------------------------|-------------|
| ○ Never moored outside my home marina | ○ 1 month   |
| ○ Unknown – it is a charter boat      | ○ 2 months  |
| ○ 1 day                               | ○ 3 months  |
| ○ 2 days                              | ○ 4 months  |
| ○ 3 days                              | ○ 5 months  |
| ○ 4 days                              | ○ 6 months  |
| ○ 5 days                              | ○ 7 months  |
| ○ 6 days                              | ○ 8 months  |
| ○ 1 week                              | ○ 9 months  |
| ○ 2 weeks                             | ○ 10 months |
| ○ 3 weeks                             | ○ 11 months |

9. Please check the names of **all the places** you visited **on your boat** within the **last 12 months**:

√	<b>Lower Mainland</b>		<b>West Vancouver Island</b>		<b>North Coast &amp; Queen Charlotte Islands</b>
	Vancouver		Tofino		Prince Rupert
	Horseshoe Bay		Ucluelet		Terrace
	Coal Harbour		Bamfield		Skidegate
	False Creek		Broken Islands Group		Masset
	Ladner		Port Alice		Queen Charlotte City
	Port Moody		Zeballos		Port Simpson
	Abbotsford		Winter Harbour		Kitimat
	Delta		Coal Harbour		Kemano
	Port Coquitlam		Tahsis		
	Richmond				
	<b>South Vancouver Island</b>		<b>Mid-North Vancouver Island</b>		<b>Central Coast</b>
	Berry Island		Nanaimo		Bella Coola
	Blind Channel		Protection Island		Bella Bella
	Pender Island		Nanoose Bay		Rivers Inlet
	Mayne Island		French Creek		Namu
	Galiano Island		Fanny Bay		Ocean Falls
	Thetis Island		Deep Bay		Klemtu
	Gabriola Island		Quadra Island		Kingcome
	Mudge Island		Cortes Island		Hartley Bay
	Satuma Island		Denman Island		Hakai Pass
	Saltspring Island		Homby Island		Dawsons Landing
	Sidney		Comox		Dean River
	Saanich		Courtenay		Butedale
	Squamish		Campbell River		
	Sooke		Port McNeil		<b>Sunshine Coast</b>
	Victoria		Sayward		Gibson's
	Mill Bay		Alert Bay		Sewell
	Cowichan Bay		Telegraph Cove		Bowen Island
	Ladysmith		Port Albemi		Sechelt
	Crofton		Royston		Powell River
	Port Renfrew		Quathiaski Cove		Lund
			Port Hardy		Ladner
			Heriot Bay		Minstrel Island
			Kelsey Bay		North Broughton Island
			Hanson Island		Okeover Inlet
			Bull Harbour		Owen Bay
					Port Neville
					Refuge Cove
					Savary Island
					Simoon Bay
					Sointula
					Stuart Island
					Surge Narrows
					Passage Island
					Pender Harbour

10. Did you travel with your boat to any provinces outside of British Columbia within the last 12 months? Please check all provinces you visited.

- Alberta
- Manitoba
- New Brunswick
- Newfoundland
- Nova Scotia
- Ontario
- Prince Edward Island
- Quebec
- Saskatchewan
- Northwest Territories
- Nunavut
- Yukon

11. Did you travel to the US with your boat within the last 12 months? If yes, please check all states that you visited.

- |                                   |                                      |                                      |
|-----------------------------------|--------------------------------------|--------------------------------------|
| <input type="radio"/> Alabama     | <input type="radio"/> Louisiana      | <input type="radio"/> Ohio           |
| <input type="radio"/> Alaska      | <input type="radio"/> Maine          | <input type="radio"/> Oklahoma       |
| <input type="radio"/> Arizona     | <input type="radio"/> Maryland       | <input type="radio"/> Oregon         |
| <input type="radio"/> Arkansas    | <input type="radio"/> Massachusetts  | <input type="radio"/> Pennsylvania   |
| <input type="radio"/> California  | <input type="radio"/> Michigan       | <input type="radio"/> Rhode Island   |
| <input type="radio"/> Colorado    | <input type="radio"/> Minnesota      | <input type="radio"/> South Carolina |
| <input type="radio"/> Connecticut | <input type="radio"/> Mississippi    | <input type="radio"/> South Dakota   |
| <input type="radio"/> Delaware    | <input type="radio"/> Missouri       | <input type="radio"/> Tennessee      |
| <input type="radio"/> Florida     | <input type="radio"/> Montana        | <input type="radio"/> Texas          |
| <input type="radio"/> Georgia     | <input type="radio"/> Nebraska       | <input type="radio"/> Utah           |
| <input type="radio"/> Hawaii      | <input type="radio"/> Nevada         | <input type="radio"/> Vermont        |
| <input type="radio"/> Idaho       | <input type="radio"/> New Hampshire  | <input type="radio"/> Virginia       |
| <input type="radio"/> Illinois    | <input type="radio"/> New Jersey     | <input type="radio"/> Washington     |
| <input type="radio"/> Indiana     | <input type="radio"/> New Mexico     | <input type="radio"/> West Virginia  |
| <input type="radio"/> Iowa        | <input type="radio"/> New York       | <input type="radio"/> Wisconsin      |
| <input type="radio"/> Kansas      | <input type="radio"/> North Carolina | <input type="radio"/> Wyoming        |
| <input type="radio"/> Kentucky    | <input type="radio"/> North Dakota   |                                      |

12. If applicable, please write all the countries outside of Canada and the US that you visited on your boat in the last 12 months.

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**If you wish to enter the prize draw for a chance to win a \$100 West Marine gift certificate, please enter your name and contact information below.**

**Name:** \_\_\_\_\_

**Phone number:** \_\_\_\_\_

**Email address:** \_\_\_\_\_

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This completes our survey.

We would like to thank you for your time and cooperation!

If you have any questions about this survey or the project in general, please contact the project leader, Cathryn Clarke Murray, at the address below.

**Please return all completed print surveys (those not completed online) to either of the following:**

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