1) Do you and/or the company you work for conduct in-water hull cleaning within San Diego Bay?

**Conduct Work in San Diego Bay?**

- Yes: 97%
- No: 3%

2) Please rank the following vessel length categories from the most frequent length category of vessels cleaned to least frequent length category of vessels cleaned by you:
3) In the winter months (Oct.-Apr.) and summer months (May-Sept.), what is the average frequency of hull cleaning for the vessels you service?
Average Frequency of Hull Cleaning in Winter vs. Summer

I do not clean
Once per year
Once per 6 months
Once per 2 months
Once per 6 weeks
Once per month
Once per 3 weeks
Once per 2 weeks
Greater than once per week
Other
I do not know

4) Combined with Question 3, see above.
5) Please rank the following hull cleaning tools from the most commonly used to the least commonly used by you.

![Frequency of Tool Types Used](image)

6) Please rank the following paint age categories from the paint age you most frequently clean to the paint age you least frequently clean.
7) On average, how many boats do you clean per day?

8) Fill in the percentage of boats that you clean daily that fall into each of the following paint categories:
Copper Reduction Program
In-Water Hull Cleaning Survey Results – Hull Cleaners

Percentage of Vessels Cleaned Per Paint Category

<table>
<thead>
<tr>
<th>Paint Type</th>
<th>Estimated Percent of Vessels</th>
</tr>
</thead>
<tbody>
<tr>
<td>Copper</td>
<td>82%</td>
</tr>
<tr>
<td>Non-biocide</td>
<td>7%</td>
</tr>
<tr>
<td>Non-copper biocide</td>
<td>7%</td>
</tr>
</tbody>
</table>
9) What method do you use to verify paint type?

How Respondents Identify Paint Type

- In-field observation: 44%
- Vessel owner: 34%
- Boatyard: 16%
- Identified on vessel: 3%
- I do not identify paint type: 3%
10) Please rank the following time spans representing the average amount of time it takes to clean one vessel hull during the winter (Oct.-Apr.)? Summer (May-Sept.)?

Time Taken To Clean Vessel In Winter (Oct.-Apr.)

Time Increments

- < 30 min.
- 30-59 min.
- 1 -2 hrs.
- > 2 hrs.

Number of Hull Cleaner Respondents (N=32)

Most Common
Second
Third
Least Common

Time Taken To Clean Vessel In Summer (May-Sept.)

Time Increments

- < 30 min.
- 30-59 min.
- 1 -2 hrs.
- > 2 hrs.

Number of Hull Cleaner Respondents (N=32)

Most Common
Second
Third
Least Common
11) Combined with Question 10, see above.
12) Do you clean individual vessels on a set schedule or because fouling indicates so?

**When Vessels Get Cleaned**

- **78%** Set schedule
- **22%** Fouling indicates required cleaning