



Observing

- 2 inches in diameter and larger.
- 60 feet from the stern on one side of the vessel.
- You choose the side, either starboard or port, and observe that side for the duration of the **30 minute** observation period at least once per day.

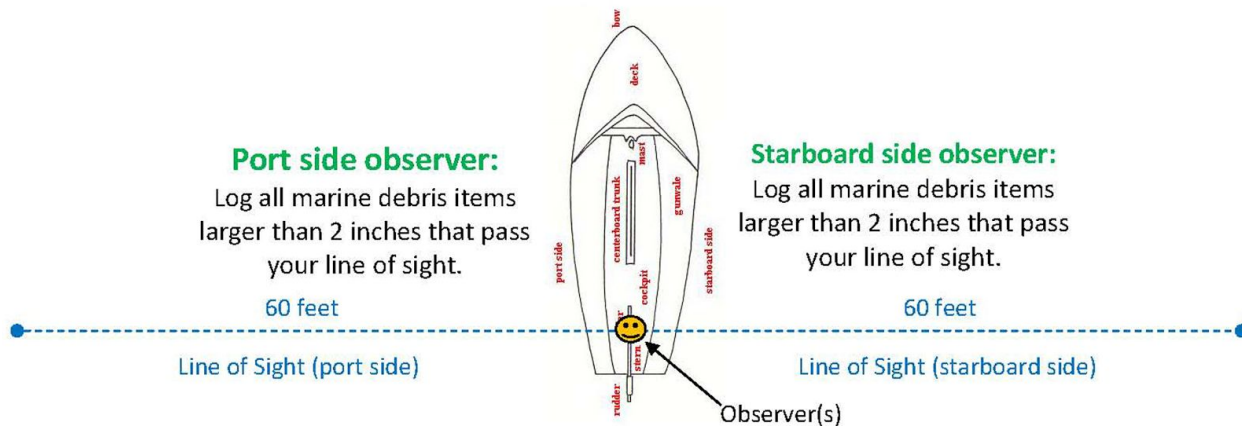


Figure 2. Area of observation for a port or starboard side observer. Drawing courtesy of ehow.com.

Recording

1. Start and end time in HST (Hawaii Standard Time).
2. Vessel’s GPS position at the start and end of an observation period (Ex: 21°28.1’N 157°42.4’W)
3. Any significant heading changes (ie. Tack, gybe, bearing off 45 degrees, etc).

Transect line START: Time (01:00-24:00 HST): _____ Heading: _____° Latitude: _____° _____' N Longitude: _____° _____' W

Transect line END: **1. TIME** _____ **2. LAT and LONG** _____

Did your heading change between your start and end time? YES (Note heading changes below) NO

Heading change #1: Time of change (01:00-24:00 HST): _____ **3. HEADING CHANGE** _____ Heading: _____° Latitude: _____° _____' N Longitude: _____° _____' W

Heading change #2: Time of change (01:00-24:00 HST): _____ _____ Heading: _____° Latitude: _____° _____' N Longitude: _____° _____' W

Note taking

- Use tick marks for each debris item observed under the appropriate category.
- Note all wildlife (birds, turtles, fish, everything).
- Record average wind speed (knots), boat speed (knots), weather, cloud cover, and sea state (Beaufort Scale).
- Note any disruption or stop during the observation period, as well as debris entanglements on keel, rudder, prop shaft. Also document and video any unusual debris, such as Japanese Tsunami Debris.
- Photos help us greatly! Please take photos and email them to marinedebris.survey@gmail.com Appropriate photo credit will be cited with any photo use.

Shipboard Observations of Marine Debris at Sea



Trans Pacific Marine Debris Survey

Thank you for your participation in the **8th year** of our marine debris visual survey project. Your knowledge and experience in sailing the high seas, particularly in the area of the “garbage patch” (North Pacific Subtropical High) between California and Hawaii, is invaluable to the marine debris community in helping take us steps closer to realizing our goal of a world without the impacts of marine debris. The information, data, and photos that you gather for us will greatly help inform efforts to help address marine debris at sea.

Again, your participation is greatly appreciated!

Please place the following items into the provided postage paid envelope:

- All (completed or not) datasheets
- This Registration Form



If you have any questions, please feel free to contact us. Visit marinedebrissurvey.com for more information on the project and to learn how you can get further involved.

Observer Registration Details

Yacht Name: _____

Observer Name: _____

Email Address: _____

Mailing Address: _____



City: _____ State: _____ Zip Code: _____