



HARBOR 20 BOAT WEIGHT CERTIFICATE

Conformance to the Class Bylaws

Date _____

Owner _____

Sail No. _____

Boat Equipment Check List

- | | |
|---------------------------------------|--------------------------|
| 3 lb. Anchor & 50' x 1/4" Anchor line | <input type="checkbox"/> |
| 2 Gallon Bucket | <input type="checkbox"/> |
| Paddle 36" min length | <input type="checkbox"/> |
| 2 Life Jackets | <input type="checkbox"/> |
| Seat Cushions | <input type="checkbox"/> |

| | Date | Boat Weight | Bow Up |
|---|----------------------|----------------------|----------------------|
| 1 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 2 | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| 3 | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Attachments

Weight Location Diagram

Appendix A of Class Bylaws

Appendix B of Class Bylaws

Signature

Date

Class Measurer or Fleet Measurer



WEIGHT DISTRIBUTION DIAGRAM

Date

Owner

Sail No.

Appendix B

+0.2° - -0.9°



3.b 20%

Bilge sump
No lead

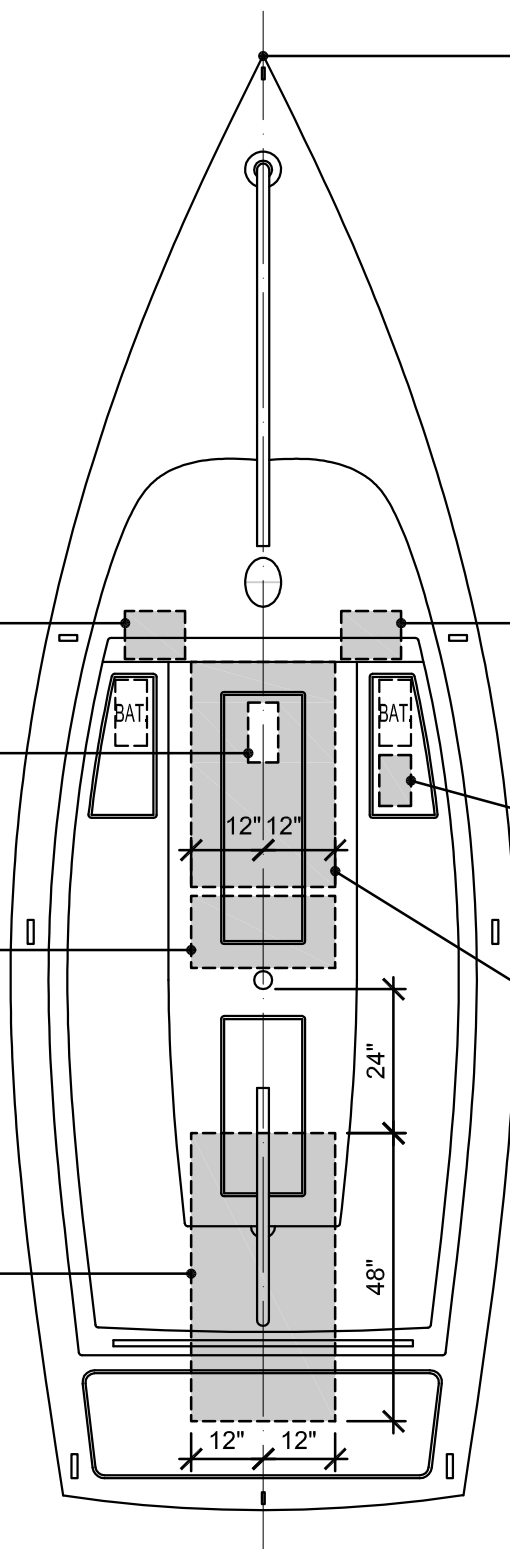
3.a 40%

3.d 20%

3.c 20%

1 30 lbs.

2 max. 40 lbs.



Signature Class Measurer
or Fleet Measurer

Date

APPENDIX A

Harbor 20 Corrector Weight Requirements

Weights must be added to any Class Yacht weighing under the class minimum of 1950 lbs. The weight shall be added as described herein and as shown on the diagram included in this Appendix. The weight added shall be of solid material such as lead, diver's weights, barbell plates or similar. The weights shall be permanently attached. **No corrector weight shall be placed in the bilge sump.** All corrector weights referred to below are plus or minus 1 pound, as long as the total corrector weight does not result in a total boat weight of less than 1,950 pounds.

NOTE: Any compensation weight required per Class Bylaw III.E.3 must be in place prior to adding weight as prescribed in this Appendix.

Class Bylaw III.E.3. Added corrector weight of lead or other approved material will be substituted in the absence of electric propulsion devices. Such weight shall be permanently fastened with GRP or mechanical fasteners. For auxiliary motor and batteries, 70 pounds is to be permanently installed on each of the platforms under the seats and 20 pounds is to be permanently installed in the lazarette against the transom.

1. If the boat has the lithium battery set-up with one lead acid battery, 30 pounds of corrector weight shall be attached in the seat compartment just aft of the lithium battery.
2. If after addressing item 1 additional weight is needed, up to a maximum of 40 pounds shall be attached under the cockpit sole aft of the forward seat bulkhead and at least 12 inches forward of the barney post, and within 12 inches of the centerline.
3. If after addressing items 1 and 2 additional weight is needed, it shall be distributed as follows:
 - a. 40% is to be attached under the cockpit sole forward, and within, 12 inches of the barney post and within 12 inches of the centerline.
 - b. 20% is to be attached to the port forward seat bulkhead, either front or aft, at least 12 inches from the centerline and at least 12 inches below the hull/deck joint, or in the location where a cooler would be (for boats without coolers).
 - c. 20% is to be attached to the starboard forward seat bulkhead, either front or aft, at least 12 inches from the centerline and at least 12 inches below the hull/deck joint, or in the location where a cooler would be (for boats without coolers).
 - d. 20% is to be attached in the area defined as being between 24 and 72 inches aft of the barney post within 12 inches from the hull centerline.

APPENDIX B

Water Line Level Adjustment

A Class Yacht, with all her equipment in sailing position, floats 0.9 degrees bow up, as measured by the cockpit sole, and is said to be “floating on her lines”. “Lines” are measured on the forward section of the cockpit sole using a 4-foot long digital construction level with an accuracy of 0.1 degree resting on identical spacer blocks. The measurement is to be performed by and at the discretion of the Class or Fleet Measurer.

Harbor 20 boats with lines exceeding 0.2 degrees plus or minus of 0.9 degrees bow up require adjustment to be considered a Class Yacht. Adjustment can be made by the addition of weights and/or the readjustment of weights added per Appendix A. Line adjustment and final measurement is to be observed and recorded by the Class or Fleet Measurer.