

## **HBYC RACING HANDICAP APPLICATION (revised 1/4/17)**

**First Name:**

**Last Name:**

**Boat Name:**

**Boat Manufacturer:**

**Boat Model:**

**Year Built:**

The dimensions for the following questions shall be given in **decimal feet**. The following is a conversion table from inches to decimal feet. Do not provide metric measurements.

1"=.08, 2"=.17, 3"=.25, 4"=.33, 5"=.42, 6"=.5,

7"=.58, 8"=.67, 9"=.75, 10"=.83, 11"=.92

The dimensions and data for most boats can be found at [www.sailboatdata.com](http://www.sailboatdata.com). You should verify this data for your specific boat.

**Length Overall (decimal ft.):**

**Length of Water Line (decimal ft.):**

**Beam (decimal ft.):**

**Draft - Board Up (centerboard, swing keel):**

**Draft -Fixed Draft or Board Down (decimal ft.):**

**Displacement (pounds):**

**Ballast (pounds):**

**Inboard motor or outboard:**

**Keel Type (fin, full, wing, swing, centerboard, etc):**

**Prop Type (2, 3, 4 blade, fixed or folding/feathering):**

**Rig Height (standard, tall, short):**

**Rig Type (sloop fractional, sloop masthead, etc):**

**Roller Furling:**

**Mainsail roller furling without battens (Y or N):**

**Headsail roller furling (Y or N):**

**Does Headsail have UV cover (Y or N):**

**Maximum Headsail Size in % (135%, 150%, etc.) :** \_\_\_\_\_

**Note: Headsail % = 100 x LP ÷ J**

LP is the perpendicular distance from the luff to the clew of the headsail (see diagram on page 4).

If you don't know the LP dimension or your headsail %, give us the length of the foot (bottom) of your headsail and we will estimate the headsail % for you.

**I,J,P,E measurements (see diagram on page 4)**

**I (decimal ft.):**

**J (decimal ft.):**

**P (decimal ft.):**

**E (decimal ft.):**

**For Yawl or Ketch:**

**Py (decimal ft.):**

**Ey (decimal ft.):**

**Bimini – always deployed when racing (Y or N):**

If you answer “Y” you will get an adjustment credit for a bimini, but you must always deploy it when racing.

**Dodger – always deployed when racing (Y or N):**

If you answer “Y” you will get an adjustment credit for a dodger, but you must always deploy it when racing (deploying the dodger means that at least 50% of the front must be enclosed with panels while racing. The center panel may be open)

**Sail Material Credits and Penalties:**

Dates that sails were new? (mm/yy): Main: \_\_\_\_\_ Headsail: \_\_\_\_\_

Is any sail material a woven polyester? (Y or N): Main: \_\_\_\_\_ Headsail: \_\_\_\_\_  
(Dacron® is a woven polyester).

Is any sail material a laminate  
or material other than woven polyester\*?(Y or N): Main: \_\_\_\_\_ Headsail: \_\_\_\_\_

Is any sail material a combination of a laminate  
and any other woven material ? (Y or N) Main: \_\_\_\_\_ Headsail: \_\_\_\_\_

**Non-Spinnaker Allowance:** (will be automatically calculated based largest headsail used)

**Cruising Class (Bulk) Allowances (15 sec/nm max):**

**Standard Cruising Class Equipment:**

(Up to +3 sec/nm max if you have all of the following standard cruising equipment):

Functioning Galley with Stove cookware, eating utensils, etc.? (Y or N): \_\_\_\_\_

Full interior with cushions, bedding, lighting, toilet, holding tank)? (Y or N): \_\_\_\_\_

Primary Anchor? Type: \_\_\_\_\_ Size (weight): \_\_\_\_\_

Chain (size and length): \_\_\_\_\_

Rode (size and Length): \_\_\_\_\_

**Extra Equipment:**

Secondary Anchor (always on board): Type: \_\_\_\_\_ Size (weight) \_\_\_\_\_,  
Chain (size and length) \_\_\_\_\_

Rode (size and length): \_\_\_\_\_

Radar (permanent)?(Y or N): Above Spreader? \_\_\_\_\_ Other location \_\_\_\_\_

Wind Generator (permanent)?(Y or N): \_\_\_\_\_

Rigid Solar Panels (permanent)?(Y or N): \_\_\_\_\_ Dimensions: \_\_\_\_\_

Air Conditioning (built-in or always on board)? (Y or N): \_\_\_\_\_

Generator (Permanent)? (Y or N): \_\_\_\_\_

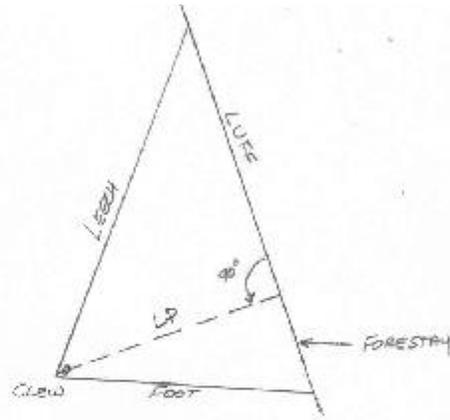
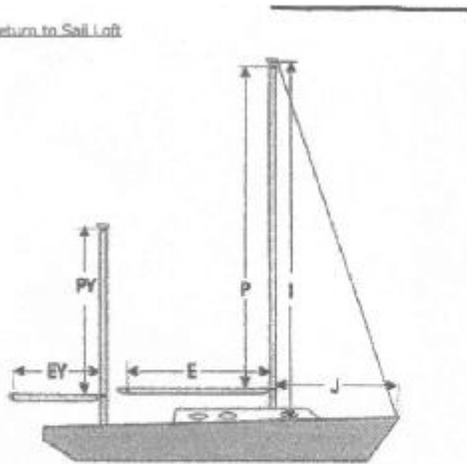
Ice Maker (permanent)? (Y or N): \_\_\_\_\_

Stack Pack sail cover (always in place while racing)? (Y or N): \_\_\_\_\_

Propane tanks (always on board)? (Qty/size): \_\_\_\_\_

# DIMENSIONS AND DEFINITIONS

[Return to Sail Loft](#)



Courtesy of Doyle Sailmakers

## Rig Terms

- I** Deck to mast length - distance from the deck to the intersection of the forestay and mast.
- J** Forestay to mast length - distance from the forestay at the deck to the mast at the deck.
- P** Main mast length - distance from the top of the main boom to the black band at the top of the main mast.
- E** Main boom length - distance from the back side of the main mast to the black band at the end of the main boom.
- PY** Mizzen mast length - distance from the top of the mizzen boom to the black band at the top of the mizzen mast.
- EY** Mizzen boom length - distance from the back side of the mizzen mast to the black band at the end of the mizzen boom.

LP Perpendicular distance from "Luff" of Headsail to "Clew"