

- 9.4 Damaged hull, daggerkeel or rudder may be repaired to conform to the original shape.
- 9.5 Permanent advertising of any type is not allowed on or attached to the boat except:  
A) As permitted by the National Sailing Authority having jurisdiction.  
B) Authorized dealer name not to exceed 6" x 6" (150mm x 150mm).
- 9.6 A foredeck hatch not larger than 24" x 24" (610mm x 610mm), may be fitted, on the slope of the cabin. This may only be of the type that totally seals when closed.
- 9.7 The daggerkeel well may not be filled or adjusted other than to shim four (4) vertical tabs molded to the daggerkeel to improve fit.
- 9.8 It is the responsibility of the skipper to insure that his boat is equipped with enough positive floatation to support the crew, the boat and all required gear.
- 9.9 A foil jib stay system is permitted. A tack fitting of any type may be used.
- 9.10 Lifelines and stanchions are optional and do not affect these Rules.
- 9.11 The method of cleating the various leads is optional as long as the holes of the supplied hardware are properly fitted.

## **10. SPARS**

- 10.1 The spars as supplied by the manufacturer (mast, boom, spinnaker pole) shall not be altered except as allowed in these Rules. Carbon fiber is not allowed.
- 10.2 The lower band on the mast shall be affixed with its top even with the top of the boom extrusion. The upper band on the mast shall be affixed with its lower edge 24'½" (7328mm) from the top of the lower band. The tape shall be minimum ¾" (19mm) in width.
- 10.3 The maximum length of the spinnaker pole shall not exceed 100% of the "J Measurement." Measured from the front centerline of the track on the mast to the pole end, including fittings and shall be made of aluminum. The minimum diameter shall be 1½" (38mm).

## **11. STANDING RIGGING**

- 11.1 Side shrouds may be adjusted for minor tuning only by fittings supplied.
- 11.2 The upper shrouds shall be fastened to the forward or outer hole of the chainplate and lower shrouds shall be fastened to the aft inner hole of the chainplate.

## **12. RUNNING RIGGING**

- 12.1 Any replacement of synthetic rope shall be no less in strength as supplied as standard. Light air spinnaker sheets are permitted.
- 12.2 All running rigging must be led above deck.
- 12.3 The foreguy may be rigged with a maximum of 2:1 purchase.
- 12.4 A vang of maximum purchase of 8:1 using a block and tackle with an integral jamming cleat is allowed. Type of block is optional.
- 12.5 A quick disconnect is optional on the mainsail outhaul.
- 12.6 The backstay purchase may be increased to a maximum of 12:1 purchase using only a block and tackle method. The backstay lead may be led anywhere in the cockpit.
- 12.7 One cunningham control of synthetic rope with a maximum of 4:1 purchase using block and tackle is allowed.

## **13. SAILS**

- 13.1 The use of any material is allowed.
- 13.2 A maximum of one mainsail, two genoas, one jib and two spinnakers may be carried on board when racing, except as allowed in Rule 20.5.
- 13.3 The mainsail, jib and genoa may be fitted with transparent windows of any material.
- 13.4 The sails shall conform to US Sailing/ISAF Rules unless specified otherwise herein.
- 13.5 Distinguishing numbers shall be placed on the mainsail, any genoa with an LP larger than 135% and spinnakers.
- 13.6 The Class emblem on the mainsail shall be as on Appendix A and affixed in the center of the third panel down from the top.

## **14. MAINSAIL**

- 14.1 The mainsail mid-girth shall not exceed 6.58' (6'7") and  $\frac{3}{4}$  girth shall not exceed 3.84' (3'10").

14.2 The sail shall have four battens of any length.

14.3 A reef point and flattening reef are permitted.

14.4 A cunningham hole may be fitted in the luff.

14.5 A leech line is permitted.

14.6 Camber lines are permitted.

**15. 100% JIB**

15.1 The maximum LP shall not exceed 100% of the "J Measurement".

15.2 Reefing attachment points or devices may be fitted.

15.3 The leech shall be convex.

15.4 The leech may have a maximum of three battens.

15.5 A leech line is permitted.

15.6 Camber lines are permitted.

**16. 155% GENOA**

16.1 The maximum LP shall not exceed 155% of the "J Measurement".

16.2 The leech shall not be convex.

16.3 A leech line is permitted.

16.4 Camber lines are permitted.

**17. SPINNAKER**

17.1 The spinnaker shall be a three-cornered sail, symmetrical about its centerline.

17.2 The sail, laid out on a flat surface, shall be measured when folded in half about its centerline, with the leeches superimposed. Sufficient tension shall be applied to remove wrinkles and creases along the line of measurement.

17.3 The length of the leeches shall not exceed 22'6½" (687mm).



- 17.4 The spinnaker maximum width shall not exceed 180% of the "J Measurement".

**18. FIXED FITTINGS & EQUIPMENT TO BE CARRIED WHEN RACING**

- 18.1 The standard equipment supplied with a Holder 20 shall not be removed unless otherwise allowed in these Rules.  
Standard equipment shall be carried in the normal manner and location.

**19. CREW & CREW WEIGHT**

- 19.1 The maximum weight of the Holder 20 skipper and crew shall be 700 pounds (318kg).  
The minimum crew (includes skipper) shall be two (2) people.

- 19.2 If a crew change is required due to injury or other circumstances, the total crew weight shall not be less than the original weight, nor more than 75 pounds (34kg) over the original weight. Weight up to 75 pounds (34kg) may be carried to maintain original weight.

- 19.3 Maximum crew weights are based on the body weight of the crew dressed in lightweight clothing.

A.) No shoes or heavy clothing shall be used in determining crew weight.

B) It is the skipper's responsibility to maintain minimum crew and maximum crew weight at all times.

C). Skippers can be protested at any time during the regatta for weight infractions.

- 19.4 Mini-hiking is allowed. Mini-hiking is defined as hiking to a point where buttocks may be past the rub-rail with the upper body extended. Droop hiking, defined as hiking with the back of the upper thigh below a line extending horizontally outward from the rub-rail and perpendicular to the mast, is not allowed.

- 19.5 Soft hiking straps may be fitted for the crew and helmsman. These must be installed on the seat and may not at any time be used to breach Rule 19.4.

**20. OPTIONAL EQUIPMENT PERMITTED WHEN RACING**

- 20.1 Radio direction finder.

- 20.2 Two-way radio and antenna.

- 20.3 One spare wood tiller.

- 20.4 Electronic devices for wind, velocity wind direction, and boat speed are the owner's preference.

- 20.5 One storm tri-sail/or storm jib of not more than 35 square feet (3.25 square meters). Emergency use only.
- 20.6 Self-tailing winches.
- 20.7 One "barber-hauler" may be fitted to each side of the Holder 20. These may only operate on the headsail, which includes the spinnaker. At no time shall this adjustment be more than 1:1 or pierce the deck (other than fasteners).
- 20.8 An outboard motor and bracket, securely fastened, may be added.
- 20.9 Stowage of spinnaker pole on the main boom is allowed.

## **21. PROHIBITIONS**

- 21.1 Hydraulics.
- 21.2 Running backstay or devices to simulate such.
- 21.3 Halyard locks on the mast or hook-up devices.
- 21.4 The use of mechanical means to rake the mast forward.
- 21.5 The use of any headsail roller furling equipment when racing.
- 21.6 Spinnaker chutes through the deck.
- 21.7 Use of quick throw devices, tracks or levers on the shrouds.
- 21.8 More than five winches.
- 21.9 More than one battery of maximum 100 amp hours.
- 21.10 Changing the length or location of the mainsheet traveler track.
- 21.11 Adjustment of the dagger keel positions other than the down position with wedge in place and bolted.
- 21.12 Adding any material to the flange area between the dagger keel and hull.
- 21.13 Coring, drilling out, rebuilding, replacement of materials, grinding or re-locating standard equipment to reduce weight, to improve movements of inertia or to change standard shape.

## **22. RACING ELIGIBILITY**

- 22.1 Group 1 and Group 2 competitors (as defined by the US Sailing Rules, Appendix P) may race without restriction in all Holder 20 Class races. Group 3 competitors may participate as crew, but will be restricted from the helm in all Holder 20 Class races unless they legitimately own at least 51% of the boat they are competing on.

**APPENDIX A.**



LOA 20' 4"

Displacement 1160 lbs.

LWL18'5"

Ballast – Fin = 335 lbs.

Beam 7'10"

Draft – 3'7"

Sail Area 198 sq. ft.

Designer – Ron Holder



HOLDER 20 CLASS EMBLEM