

# Connecticut Yacht Rigging



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Date: September 30, 2020

To: John Duerden

Subject: Rigging inspection Yacht "Weatherly"  
65 ft. Cold molded Mahogany /epoxy sloop  
Builder- Henze Yachts, Germany  
Designer- Hoek  
Year of build- 2002  
Owner- John Duerden, Stonington, Ct  
Date of inspection- 25 September ,2020  
Yacht location- Stonington Harbor, Ct.  
Hull Id number – HEN65790a102

Mast- Nordic mast co. Carbon Fiber triple spreader mast, Fractional, Keel stepped, 25° aluminum spreaders. Masthead is Laminated in mast. Mast is painted white. Mast structure is in good condition Main mast, has Antal luff car system, all in good condition.

Mast step is anodized aluminum, good condition, uses bottle jacks/ bar for rigging tension, good condition.

Mast paint has minor u/v wear, minor chips, around spreader area, should touch up.

Masthead sheaves- all Delrin (plastic), good condition, all functional, masthead spinnaker halyard, fractional single jib halyard, main halyard with stainless steel chafe guard, all sheave boxes in good condition.

Internal halyards, all entrances, and exits in good condition.

Aluminum spreaders, on Aluminum spreader bars, spreader tips, show corrosion around rigging tip cups.

Boom and boom vang goosenecks- Laminated to mast, stainless steel bushings in good condition all, toggles are anodized aluminum, good condition.

Mast/deck partner- chocked proper with Spartite mast wedge system.

Mast/deck boot, good condition.

Boom- internal reefing, aluminum construction painted white, Delrin sheaves, Dacron double braid reefing lines, Dyneema outhaul, internal mainsheet bales, vang hardware in good condition, boom is in good condition.

Chainplates, Stemhead, - all stainless steel construction, side chainplates are all through deck bolted to integral bulkheads. Chainplates are in good condition, stemhead is in good condition. Port and starboard chainplates show minor water leakage, should re-bed.

Deck hardware-

Self tacking jib track, good condition, main boom traveler, all functional , good condition, lead blocks on deck, good condition  
Rope clutches, all Antal, all good condition.

Stanchions, all fastened well.

Winches-

Mast- (2) Harken #50 chrome self tailing, good condition.

Cockpit- (2) Harken # 86 chrome self tailing, good condition.

Running rigging-

Main halyard- , ½" Dyneema with dacron cover good condition.

Jib halyard- ½" Dyneema with Dacron cover, minor chafe on dacron cover, pennant style, on adjustable mast mounted track.

Spinnaker halyard- ½" Dyneema with Dacron cover- good condition.

Mainsheet- ½" Dyneema with Dacron cover, shows some u/v wear.

Jib furling line- shows minor wear.

Reef lines in good condition.

Self-tacking jib sheet - minor u/v , and chafe wear from winch.

Electrics-

Radar, mounted on port lower spreader, all fastened well, custom carbon fiber bracket.

Masthead anchor / running light, functional, Aqua signal series 50.

Steaming light functional, deck light functional.

AWI/WSI transducer at masthead, functional.

Lifelines- Upper and Lows, both 3/16" 1X 19 stainless steel wire, all in good condition.

Hydraulics- Sailtec -30 boom vang, good condition.

Backstay cylinder- 12 Navtec, good condition.

Control panel, pump, good condition.

Standing rigging:

All Nitronic 50 stainless steel rod rigging, turnbuckles are BSI single side calibrated style. All turnbuckles, tip cups, rod seats are all well lubricated, and show excellent condition.

All masthead toggles and clevis pins in good condition.

All stemball seats in spreader bars in good condition.

All tip cups at spreader tips are assembled properly, and lubricated.

Headstay- Reckmann R-4 anodized black foils spool drive jib furler, on .500" rod, all good condition.

V-1's - .500 Nitronic rod with 1" calibrated turnbuckle, top end is in tip cup plug.

D-1's .375" Nitronic rod with ¾" calibrated turnbuckle, top end in spreader bar seat.

V-2's .430" stemball in tip cup to stemball in tip cup.

D-2's .281" 5/8" tip turnbuckle to stemball in spreader bar seat.

V-3/D-4 .375" stemball in tip cup to masthead Navtang.

D-3 .281" 1/2" turnbuckle to stemball in spreader bar seat.

Backstay- .281" marine eye on top, marine eye on bottom, to hydraulic cylinder.

All standing rigging, is in good condition, well lubricated, and well maintained.

Rigging inspection has been performed by Dan Coan.

Thank you for the opportunity to work with you. Please contact me if you have any questions or comments. References supplied upon request.

Best Regards,

Dan Coan  
Owner