

Triad Specifications, 1/19/2022

Triad is a very fast and robust ocean going cruiser/racer trimaran. She reaches at wind speed, beats upwind at 2/3 wind speed, and tops out at 25 knots. She is very comfortable in a seaway, handles chop easily, and accelerates quickly when the wind pipes up. She also performs well in light air. She is set up for single handed sailing: all controls lead to the cockpit except for the halyards which have dedicated winches on the mast. Slab reefing. Tiller steering makes for direct hands-on control while an auto pilot takes the tedium out of long passages. Well balanced and sea kindly, she tacks reliably and effortlessly through 90 degrees. She has been meticulously maintained.

Name of Boat: Triad

U.S. Documentation No. 988602

Year Built: 1982

Builder: Freres Le Jeloux, St. Philibert, Trinite sur Mer, Brittany, France

Model/Designer: Creative trimaran, Dick Newick design # 52

LOA: 42'

BOA: 28'6"

Draft: 2' 3" with daggerboard & rudder up; 3' 6" with rudder down; 8' with daggerboard down maximum

Displacement: 8,000 lb – hull, rig, sails. 11,000 fully loaded for cruising.

Construction:

Hulls and decks are cold molded wood veneers (WEST system) sheathed with fiberglass.

Daggerboard, rudder, and Bruce foils are laminated wood sheathed in fiberglass.

Mast of carbon fiber, single spreader, 1x19 ss wire rigging.

Boom is aluminum.

Details of construction:

Hulls: two 3 mm epoxy/cold molded fir veneers over 3mm mahogany ply;

Decks/Soles: 9 mm mahogany ply

Bulkheads: 18 mm mahogany ply

Structural members: fir, oak, ash, mahogany

Fiberglass sheathing over all decks, hulls, and cockpit seats and sole;

Finish: Dupont Imron paint on topsides; Awlgrip on decks, cockpit sole & seats.

Interior finished bright (varnish) renewed 2011.

Rudder: balanced kick up cassette mounted; laminated fir/mahogany, fiberglass covered

Daggerboard: 10'6" long, laminated redwood with 2"x 6" carbon box beam central structure, vacuum bagged 1/8" glass sheathed. 10' 6" 2003

Bruce foils: 5' x 12" asymmetric canted, laminated wood core/fiberglass sheathed, vacuum bagged.

Details of Rig & Rigging:

Mast: Carbon fiber wing mast, by Composite Engineering, 1997; vacuum bagged, autoclaved, refinished with Awlgrip 2021. Antal Race track with simple sliders. 80 sf.. Fully rotating through 180 degrees

Boom: Aluminum box section, 5 mm anodized; refinished Awlgrip 2021

Rigging: 3/8" 1x19 stainless steel new 2021; Norseman & Stalok terminals; Gibb bronze turnbuckles

Sails: Mainsail - Zoom square head (575 sf) Dimension Polyant SXI, 2021
Jib - 100% jib (277 sf) by Doyle 2013. Dimension Polyant Flex 24 fabric, fully battened.
Storm Jib - Leading Edge (150), dacron, 1985

Winches: Barient, Lewmar, Antal, Enke. 5 on bridgedeck, 2 on mast.

Electronics:

Raymarine Tiller Autopilot EV100, 2021
Garmin GPS Map 742 Plus, 2021
Epirb: ACR Globalfix Pro 406, 2021
Standard Eclipse VHF 2010
Raymarine ST40 Depth, 2010
Solar Panels: three 85 AH flat panel monocrystalline silicon rigid glass, 2014
Batteries: two 105 AH Lifeline AGM deep cycle group 31, 2014
Regulators: three Genasun MPPT GV10 (10 amps), 2021
Circuit Breakers: Blue Sea 10 amp, 2021
Battery switch: Sea Dog 1-2-all-none, 2021
Running Lights: Aqua Signal 40 bicolor (bow) and white (stern) with 2 watt LED bulbs.
Interior Lights: LED fixtures in all cabins and under cockpit; incandescent lights in nav station and overhead in saloon.

Propulsion, Tankage, Ground Tackle

Engine: Yamaha 9.9hp 4 stroke gas outboard, 2013, extra long shaft electric start & alternator, Dealer maintained: new water pump, drive shaft bearing, lower end seals 2021.

Tankage: Jerry jugs, 3 x 6 gallon for fresh water to galley and forepeak lav. 2 Fynnspray hand pumps (fresh water); Whale foot pump in galley (salt water)

Fuel Tanks: 3 & 5 gallon for cockpit, two 5 gallon jerry jugs.

Anchors: 25 lb Plough with 15' 3/8" chain and 200' of 3/4" nylon rode
12 lb. Aluminum Navtech with 15' of 3/8" chain and 400' of 1/2" nylon rode
35 lb. Brittany (Danforth type)

Accommodation:

Cockpit: 8' long x 6' wide with shoulder high seat back coaming; comfortable and secure while passage making and at anchor.

Forepeak: double vee berth with storage under, built in lavatory with sink/fresh water hand pump. Storage in wings.

Navigation Station: adjacent to daggerboard amidships; breaker panels on bulkhead, built in chart table with storage bin behind.

Main Cabin: two single bunks 6' long x 4' wide. Varnished dining table with removable leaf adjacent to the galley, fold down seating to port and fixed seat/locker to starboard. Sits 4. Galley to starboard.

Galley: 1 burner Seaswing employs 1 lb propane tanks. Deep sink with Fynnspray hand pump (fresh water), Whale foot pump (salt water). Formica counter over storage locker with drawer.

Aft Cabin: aft of cockpit with 6' bunk, storage under.

Sanitation: Porta Potti

Sail/Anchor Locker: Deep locker with hatch on deck serves as both sail locker and anchor locker for anchors, rodes, and fenders.

Wing Lockers: 4' x 2' x 2' exterior lockers located in wings outboard of living quarters; used as fuel locker (port) and survival gear/dinghy locker (starboard).

Extras:

8' bowsprit for asymmetric spinnaker (not included).

ATN snuffer with 50' hoist.

Man Overboard pole with horseshoe, drogue and strobe light

Lifesling MOB recovery system.

Dodger, light blue Sunbrella

Mainsail Cover, light blue Sunbrella

Jib cover, light blue Sunbrella

Sunbrella covers for all 4 mattresses