

# Triad Specifications, 10-26-2020

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 while sailing at moderate speed (10 – 15 knots), handles chop easily, and accelerates quickly when the wind pipes up. Slab reefing. She is set up for single handed sailing; all controls lead to the cockpit except for the halyards which are handled by dedicated winches on the mast. Tiller steering makes for direct hands-on control. 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 (brothers) 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 (general): Cold molded diagonally laminated epoxy/fir and mahogany plywood, laminated and solid fir frames (ribs) and stringers (longitudinals), external fiberglass skins over all exterior surfaces, laminated fixed wings (beams), assymetrical amas, carbon fiber wing mast, with stainless steel wire rigging; carbon box beam/laminated wood daggerboard for main hull; retractable (Bruce) foils in each ama.

## **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; Interlux Perfection on decks; Awlgrip on cockpit sole & seats. Interior finished bright (varnish) renewed 2011.

## **Details of Rig & Rigging:**

Mast: Carbon fiber wing mast, by Composite Engineering, 1997; vacuum bagged, autoclaved, refinished with Awlgrip 2012.

Boom: Aluminum box section, original, 5 mm anodized; refinished Awlgrip 2018

Rigging: 3/8" 1x19 stainless steel; Norseman & Staylock terminals; Gibb turnbuckles

Sails: Doyle squarehead main (670 sf) & Doyle 100% jib (277 sf) 2013.

Both sails constructed of Dimension Polyant Flex 24 fabric. Very robust.

Leading Edge 150 sf storm jib, dacron, 1985

Battens: Sailbones protruded fiberglass/epoxy over core. Very robust.

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

**Electronics:**

Nexus NX2 wind system 2012: includes N-wind transducer (wired); MRC (mast rotation compass); HPC (heel pitch compass); Bi-data depth/temperature; MX Multi display; NX Wind display; server.

Standard Eclipse VHF 2010

Raymarine S1 autopilot, 2010

Raymarine ST40 Depth, 2010

Garmin GPS Echo70X, 2014

Epirb: Seimac, Profind 406, 2005; registration current to 2022

Solar Panels: three 85 AH flat panel monocrystalline silicon; 2 - Photocom 1997; 1-

Solarland 2014. Three Genasun GV10 mppt regulators.

Batteries: two 105 AH Lifeline AGM deep cycle group 31, 2014

Running Lights: Aqua Signal bicolor (bow) and 180 white (stern) with 2 watt LED bulbs.

Interior Lights: double tube fluorescent fixtures in forepeak and aft cabin, LED lighting in main saloon, plus incidental incandescent lights in nav station, forepeak, under cockpit sole and main cabin.

Refrigeration: Engel 35 electric portable fridge/freezer. 35 liter capacity

Engine: Yamaha T 9.9 hp 4 stroke gas, extra long shaft, electric start & alternator, 2015

Tankage: Jerry jugs, 3 x 6 gallon for fresh water (2) galley and (1) forepeak sink.

Fuel Tanks: 3 gallon & 5 gallon Yamaha plastic plus various 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) with 15' of 3/8" chain

**Accommodation:**

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

Forepeak: owner's quarters with a double vee berth with storage under, and built in lavatory with sink/fresh water hand pump.

Navigation Station: adjacent to daggerboard amidships; most electronics and the breaker panels are mounted within this dry compartment; built in chart table with storage bin behind.

Main Cabin: two generous single bunks 6' long x 4' wide. An expandable varnished dining table is adjacent to the galley, with fold down seating to port and fixed seat/locker to starboard. Sits 4.

Galley: 1 burner Seaswing employs 1 lb propane tanks. Sink w hand pump/fresh water and foot pump/salt water. Formica counter over built in locker with drawer and storage shelf.

Aft Cabin: private cabin aft of cockpit with 6'2" bunk and 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