

WINDSONG - SAILBOAT

45ft, STEEL – SAIPAN, CNMI 96950



1992 Bruce Roberts “Mauritius/Norfolk”

Reduced PRICE \$60,000.00

Specification(s)

Registration: Documented by United States Coast Guard, No 1232212

Length: 45'

Beam: 12' 6"

Draft: 6' 6"

Displacement: 20 tons

Ultrasound survey done 2012, all ultrasound measurements nearly identical to original construction specs.

Rig: Cutter rig. Modern double spreader aluminum mast with rungs, deck stepped over steel compression post.

Rigging: all standing rigging new in 2012, 316 stainless, professionally done by Swensen's Marine in Alameda, CA. Rigging is 3/8" and 5/16 Dia. 1 x 19 stainless steel wire rigging to chromed bronze open barrel turnbuckles, double backstays with antenna insulator, running backstays with backstay levers.

Running rigging: halyards new in 2012; spinnaker halyard and spare halyard. Extra set of jib sheets on board.

Winches: All winches are Andersen self-tailing

winches. <http://search.defender.com/?expression=Andersen%20Self%20Tailing>

Sails:

Main, very good condition, 3 reefs

Spare main, also 3 reefs, in new condition

130% genoa, good condition (Harken roller furling)

Yankee jib, good condition (Harken roller furling)

Asymmetrical spinnaker, in usable condition

Whisker pole <http://www.defender.com/product.jsp?path=-1|118|2358541|2358542&id=104011>

Stays'l, excellent condition

Storm jib/stays'l, in fair condition.

Engine:

Detroit diesel, GMC model 3-53, 3 cylinder naturally aspirated 2 stroke diesel with blower BORG WARNER, 2.5:1 ratio

1-1/2" Dia. stainless steel shaft through dripless shaft seal <http://www.defender.com/product.jsp?path=-1|311|2349117|2349129&id=140573>

19D x 23P 3 blade bronze propeller

Spare propeller

Fresh water cooled through heat exchanger

Wet exhaust through VETUS waterlock

Instruments: Water temperature, engine oil temp and pressure (with audio alarm), gear oil pressure, engine hour

Engine controls: Single station, 2 levers, sheathed cables

Steering: Edson wheel, hydraulic

Tanks: 2 integral diesel tanks, total 150 gallons (600 o 750 nmiles range)

4 integral water tanks, total 250 gallons.

Navigation and Electronics:

Suunto Binnacle compass

Depthsounder

Walker Knotmaster taffrail log (distance) http://www.robertwhite.com/cgi-local/shop.pl?type=categ&categ=rw_ships_logs

Radar (Furuno Model 1621 LCD 16 mile)

Log/speedometer

2 GPS units

Navigation station

VHF (fixed)

VHF (portable)

Icom 706 SSB/Ham radio

EPIRB (KTI, made in Australia, coded for US and linked to Windsong, new 2014, with 10 year battery) <http://kti.com.au/>

CPT Autopilot, factory serviced 2012 <http://www.cptautopilot.com/>

Tricolor masthead and anchor lights (LED) new 2011

Deck level running lights

Plumbing:

[Heavy duty Jabsco electric bilge pump with float](http://www.defender.com/product.jsp?path=-1|51|2234226|2234231&id=85028)

[switch](http://www.defender.com/product.jsp?path=-1|51|2234226|2234230&id=178924)

[Manual Whale 25 double diaphragm bilge pump](http://www.defender.com/product.jsp?path=-1|51|2234226|2234230&id=178924)

Pressure fresh water system (new pump 2012)

Paloma hot water heater (propane fired on demand)

Pressure salt water in galley

Diesel heater in cabin (Faball)

Head forward with manual toilet (overboard discharge), pressure hot and cold shower, and deck fitting for shower from external tank on deck.

Head aft with manual toilet (with holding tank), pressure hot and cold shower.

Water tanks fill from deck, with good water catchment for rain

Electrical

Solar array, total 100 watts measured output (up to 8 amps at 12 volts), with regulator (new 2013)

4 deep cycle batteries for house (new 2014)

4D engine starting battery (new 2017)

Battery isolation switch (Blue Sea)

Automatic Charging Relay (Blue Sea)

Link-Lite battery bank monitor

High output alternator (new 2011)

Spare alternator

110 v. shore power with 120' heavy duty marine shore power cords

12v-110v inverter on board

Cabin lights are LED, red and white

Spreader lights

Deck lights

Anchor gear

65 pound genuine CQR with 300 foot 3/8" chain (regalvanized 2012)

70 pound genuine Luke fisherman style anchor

45 pound Danforth style anchor

Ample rope roads including spares.

Electric windlass

Other accommodations:

3 burner gimbaled stainless steel Nautic stove (oven is not working)

2 propane tanks in propane locker with overboard venting

Liferaft, complete service 2011.

swim ladder

10' 6" RIB tender

Sail covers for main and stays'l, new in 2012/2013.

Auxiliary rudder with self-steering windvane (horizontal axis wind paddle/trim tab on rudder)

Tools and spares

Construction and comments

This is a custom built Bruce Roberts NORFOLK 43 design of welded steel construction throughout, having a raked stem, double chines to a long keel with a deep cutaway forefoot, and a curved transom stern. The hull and deck are white and coloured with black trim, the deck profile comprising a flush foredeck, followed by a raised doghouse and a centre cockpit, then the aft cabin trunk followed by a lazarette deck extending to the stern. Below decks is a chain locker in the forepeak, followed by a V-berth and enclosed head compartment. The main saloon incorporates a dinette galley and navigation station. A companionway to starboard leads to the aft cabin with a queen berth and head compartment. A workshop /engine access area is fitted below the port side deck. The machinery is installed directly below the cockpit and is also accessible from the starboard companionway.

Hull construction:

5/16" Welded steel plate over 2-1/2" x 3/8" welded ring frames 22" on centres
1/4" Keel sides, 1/2" keel shoe

1-1/4" x 1/4" Longitudinal hull stiffeners

2" Expanded urethane foam insulation

Deck construction:

3/16" welded steel over 2" x 1/4" steel angle beams

Deck Fittings:

4 Hinged steel and Lexan deck hatches

Cockpit drains: self-draining scuppers with shutoff valves fitted

Pulpits/bow rails, safety rails: Welded steel pipe

Mooring cleats: Welded steel bollards



