



Tortoise



Home Port: Portland, OR

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Hull:

Type: Hard Chine

Purchased: N/A

Launched: 2001

Hull Builder: Owner

Material: Wood

LOA: 38.5 feet

LWL: 34 feet

Beam: 11.5 feet

Draft: 2.5 feet

Capacity: 6 Adults

Speed: 6+ knots

Weight: 15,000 lbs.

Engine:

Type: Compound

Built: 2000

Builder: Pat Marooney

Number of Cylinders: Two

Bore & Stroke: 3" + 5" x 4"

Valve: "D" Slide

IHP: 10

RPM: 500

Reverse Type: Stephenson

Condenser Type: Inboard Shell

Condenser Size: Approx. 10 Sq. Ft.

Vacuum: Unknown

Propulsion:

Diameter & Pitch: 20" x 26"

Number of Blades: Three

Material: Bronze

Make: Unknown

Right or Left Hand: Right & Left Hand

Shaft Size: 1.375" Dia.

Steering: Cable

Auxiliaries: Steam-driven alternator, providing DC power

Boiler:

Type: Series D650

Bhp: 15

Overall Size: 40" x 35" x 52"

Heat Surface: 58 Sq. Ft.

Fuel: Oil

Pump Type: Pumptec Model 112

Builder: Bryan Steam

Operating Pressure: 175 psi

Number of Tubes: N/A

Economizer HS: None

Grate Area: N/A

Injector Type: None

Year Built: 2000

Gauges: Five

Size of Tubes: N/A

Superheater HS: None

Stack Dia. & Height: 8" Dia. x 7'

Tanks: 100 Gallons

Other: Twin screw powered by two Tiny Power compounds. Boiler built to ASME code by Bryan Steam Corp. The hull framing is constructed of recycled fir timbers: 2" x 6" frames, 3" x 6" keel. The skin is 15mm Okoume 1088 plywood. All materials secured with bronze fasteners and West System epoxy. Entire hull is covered with fiberglass. Two Tiny Power Model 3454 engines, each driving a propeller direct coupled. Air pumps are Navy (Bailey) type from the John York casting sets.

