



Simon Willard



Home Port: Prospect, OR

Owner(s): Charlie Coghill

Phone: (541) 560-3598

Email: kcprecision@embarqmail.com

Website: <http://home.earthlink.net/~kcprecision/>

Hull:

Type: Lifeboat

Purchased: 2002

Launched: 1942

Hull Builder: Globe American Corp.

Material: Galvanized Steel

LOA: 22 feet

LWL: 21 feet

Beam: 7.5 feet

Draft: 3.7 feet

Capacity: 31 Adults

Speed: -

Weight: 1800 lbs.

Engine:

Type: Compound

Built: 2002

Builder: Owner

Number of Cylinders: Two

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

Valve: "D" Slide

IHP: -

RPM: 350

Reverse Type: Stephenson

Condenser Type: Shell & Tube

Condenser Size: -

Vacuum: -

Propulsion:

Diameter & Pitch: 22" x 34"

Number of Blades: Three

Material: Stainless Steel

Make: Unknown

Right or Left Hand: Left Hand

Shaft Size: -

Steering: Modified Rototiller

Gearboxes:

Auxiliaries: -

Boiler:

Type: Modified Roberts

Bhp: N/A

Overall Size: 24" x 32" x 43"

Heat Surface: 40 Sq. Ft.

Fuel: Wood/Oil

Pump Type: Displacement

Builder: Owner

Operating Pressure: 120 psi

Number of Tubes: -

Economizer HS: None

Grate Area: 3 Sq. Ft.

Injector Type: Penberthy 1/2 "

Year Built: 2002

Gauges: -

Size of Tubes: -

Superheater HS: None

Stack Dia. & Height: 10" Dia. x 4'

Tanks: 20 Gallons

Other: The owner machined a 3" + 5" x 4" Burleigh compound from castings, constructed a 40 sq.ft. Roberts type boiler, and purchased a galvanized steel lifeboat hull to put it all in. The engine is from a set of Burleigh castings and the owner machined most of it in his shop. The inboard condenser was made from a hydraulic oil cooler and the circulating water and condensate pumps are chain driven from the propeller shaft.

