



Inchcliffe Castle

Home Port: Renton, WA

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Hull:

Type: Lifeboat
Purchased: 2009
Launched: 1968
Hull Builder: MASECO
Material: Aluminum
LOA: 24.8 feet
LWL: 23.3 feet
Beam: 7.7 feet
Draft: 2.1 feet
Capacity: 8 adults
Speed: 5 knots
Weight: 4700 lbs.

Engine:

Type: Double/Simple
Built: 1910 (?) **Rebuilt:** 2015
Builder: G.J. Roberts & Co., Dayton, OH
Number of Cylinders: Two
Bore & Stroke: 3.5" x 4"
Valve Type: D-Slide
IHP: Approx. 13
RPM: 370
Reverse Type: Stephenson
Condenser Type: Keel 1", Stainless Steel
Condenser Size: 4 Sq. Ft.
Vacuum: 22"

Propulsion:

Diameter & Pitch: 17" x 28"
Number of Blades: Three
Material: Bronze
Make: MASECO
Right or Left Hand: Right Hand
Shaft Size: 1.25" Diameter
Steering: Cable
Auxiliaries:

Boiler:

Type: Vertical Fire Tube
Bhp: 14
Overall Size: 25" dia. x 60"
Heat Surface: 70 Sq. Ft.
Fuel: Oil
Pump Type: Piston
Tanks: 4 Gallons

Builder: Eclipse
Operating Pressure: 150 psi
Number of Tubes: 126
Economizer HS: None
Grate Area: 2.5 Sq. Ft.

Year Built: 1947
Gauges: 5
Size of Tubes: 1"
Superheater HS: None
Stack Dia. & Height: 8" Dia. x 4'
Injector Type: N/A

Other: Originally a double-ended lifeboat with a capacity of 38, Inchcliffe Castle is capacious and provides more than ample room for a steam plant. Air pump is chain-driven from flywheel; feed pump is crosshead driven. Features a 12 v DC Beckett Oil Burner.

