



# Eureka



**Home Port:** Laconia, NH

**Owner(s):** Joe Spadoni (Renton, WA)

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## Hull:

**Type:** Rose Counter Stern

**Purchased:** 2015

**Launched:** 1985

**Hull Builder:** Walter Beckmann, RI

**Material:** Fiberglass

**LOA:** 20 feet

**LWL:** 18

**Beam:** 4.5 feet

**Draft:** 1.5 feet

**Capacity:** 4 adults

**Speed:** 5 knots

**Weight:** 1000

## Engine:

**Type:** Double-acting Ray Hasbrouck No. 1 design

**Built:** 1985

**Builder:** William Weidner

**Number of Cylinders:** One

**Bore & Stroke:** 2.25" + 3.25"

**Valve:** "D" Slide

**IHP:** 0.82 HP @ 350 Rpm  
non-condensing

**RPM:** 350

**Reverse Type:** Stephenson

**Condenser Type:** Feedwater heat exchanger on exhaust

**Condenser Size:** -

**Vacuum:** None

## Propulsion:

**Diameter & Pitch:** 17" x 26"

**Number of Blades:** Three

**Material:** Bronze

**Make:** Lee McCarter

**Right or Left Hand:** Right Hand

**Shaft Size:** 1" Dia.

**Steering:** Wheel

**Auxiliaries:** -

## Boiler:

**Type:** Roberts

**Bhp:** -

**Overall Size:** -

**Heat Surface:** 30 Sq. Ft.

**Fuel:** Wood

**Pump Type:** Engine-Driven Piston

**Builder:** William Weidner

**Operating Pressure:** 125 psi

**Number of Tubes:** 115

**Economizer HS:** -

**Grate Area:** 1 Sq. Ft.

**Injector Type:** 2N Metropolitan

**Year Built:** 1988

**Gauges:** One

**Size of Tubes:** 5/8" OD Copper

**Superheater HS:** None

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

**Tanks:** - Bow tank for ballast

**Other:** Built, fitted out and steam plant fitted by Will Weidner the first owner, including the varnished white oak deck. First steamed 1985, larger boiler fitted 1988. The original owner built his second boat, Equinox and subsequently sold Eureka to current owner in 2015. Several articles about the construction of both boats can be found in the *Archives of International Steam Society* and *The Smokestack* publications. Eureka resides in New Hampshire and attends the annual Lee's Mill Steamboat Meet in the town of Moultonborough.

