

1.S.S 'CHELOHSIN'

Bilge and Pumping Arrangements & Connections Examined and found Satisfactory.

Both main boilers opened up. Examined throughout with all mountings and found in good working condition.

Boilers tested by water pressure to 260 lbs.

Safety valves adjusted under steam to 185 lbs. and a

Satisfactory accumulation test carried out.

Two Oil Fuel Tanks, and oil burning System examined in detail and under working conditions, and found in good order.

Spare gear Examined found adequate.

(Handwritten signature in a circle)

T.S.S. CHELOHSIN

Main steam - and steam & feed pipes tested. Oil fuel pipes examined & tested. Both boilers tested under water pressure to 260 lbs and found good.

Safety valves adjusted under steam May 6, 1938 to 185 lbs per sq inch, and an accumulation test of 15 minutes duration showed less than 3% increase.

Note: There is no drawing of boilers available, but particulars of all scantlings were taken from the boilers.

A photostat of the Canadian Government's original reports on these boilers is attached.

The oil burning system consists of two horizontal Worthington pumps - 14.5 x 2.75 x 4 on shelf in Stokhola, with 2" suction and 1 1/2" discharge - pumping directly from two large cylindrical tanks fitted in the original bunker space (total capacity 91 cu ft).

There are two suction strainers 2 1/2" and two discharge strainers 1 1/2" ✓

Two Dahl - 4 coil heaters are fitted, the exhaust steam being led to bridge only. One oil thermometer and one pressure gauge on line.

A spare Worthington pump is carried. The oil burning equipment is in accordance with rules. ✓

X A flexible oil hose on port & starboard side, permanently fitted to steam line, and coiled ready for use. A CO₂ equipment also steamite equipment is furnished for use in E. room & Stokhola and a CO₂ equipment for use in oil tank space. ✓

The machinery of this vessel may, in my opinion, be classed with records of LMC 1.38 CL 1.37 (fitted for oil fuel FP above 150°F).