

SUPERHEATER. Type *Schmidt's* Date of Approval of Plan *See such reports 3/1/22* Tested by Hydraulic Pressure to
Date of Test _____ Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler _____
Diameter of Safety Valve _____ Pressure to which each is adjusted _____ Is Easing Gear fitted _____

The Superheaters have been removed from these boilers
IS A DONKEY BOILER FITTED? *no* If so, is a report now forwarded? ☒

SPARE GEAR. State the articles supplied:— *In accordance with our requirements*
See appended list.

The foregoing is a correct description.
John Brown & Company, Limited.

Manufacturers.

W. J. Anderson
Clydebank Secretary.

Dates of Survey while building
During progress of work in shops -- *1920 Nov. 15. 1921 Jan. 22-27-31. Mar. 4-18. Aug. 16-18. Sept. 14. Dec. 13-16-20.*
During erection on board vessel --- *1922 Jan. 23. Feb. 13-21. Mar. 17. Aug. 11-28. Sept. 6. Oct. 9. 1924 July 5-15. 19-21. Mar. 20-12-14-20-22.*
Total No. of visits *58. July 3. Aug 8.* *forwarded with 1/2 Calumet*

Is the approved plan of main boiler forwarded herewith ☒

Dates of Examination of principal parts—Casings *12/3/24* Rotors *12/3/24* Blading *12/3/24* Gearing *10/4/24*
Rotor shaft *27/3/24* Thrust shaft *15/11/20* Tunnel shafts *15/11/20* Screw shaft *15/11/20* Propeller *15/2/24*
Stern tube *15/2/24* Steam pipes tested *17/4/24 15/29/24 16/6/24* Engine and boiler seatings *24/3/24* Engines holding down bolts *19/5/24*
Completion of pumping arrangements *26/6/24* Boilers fired *19/5/24* Engines tried under steam *3/7/24*
Main boiler safety valves adjusted *19/6/24* Thickness of adjusting washers *A Boiler 2 1/2" 5 3/8" B Boiler 2 1/2" 5 3/8" C Boiler 2 1/2" 5 3/8" D Boiler 2 1/2" 5 3/8"*
Material and tensile strength of Rotor shaft *Carbon Steel 36.2 tons* Identification Mark on Do. *3/80. AK*
Material and tensile strength of Pinion shaft *Nickel Steel 44.0 to 44.8 tons* Identification Mark on Do. *2236, 2237*
Material of Wheel shaft *in. Steel* Identification Mark on Do. *AK* Material of Thrust shaft *in. Steel* Identification Mark on Do. *3/30 AK*
Material of Tunnel shafts *in. Steel* Identification Marks on Do. *3048-3050-3056-3058-3065* Material of Screw shafts *in. Steel* Identification Marks on Do. *3066, A*
Material of Steam Pipes *Steel* Test pressure *645 lbs.*

Is an installation fitted for burning oil fuel *no*.

Is the flash point of the oil to be used over 150°F. ☒

Have the requirements of Section 49 of the Rules been complied with ☒

Is this machinery a duplicate of a previous case *yes*. If so, state name of vessel, *'Calgary', 'Lochman', & 'Calumet'.*

General Remarks (State quality of workmanship, opinions as to class, &c.)

The engines and boilers of this vessel have been built under Special Survey and the materials tested in accordance with the rules of this Society. The materials and workmanship are sound and good; the machinery has been properly fitted on board and tried under steam.

This machinery is eligible in my opinion to be classed in the Register Book with the notation of - L.M.C. 8.24 T.S. CL. O.G.

The amount of Entry Fee ... £ *6* : *0*
Special ... £ *108* : *7*
Donkey Boiler Fee ... £ :
Travelling Expenses (if any) £ :

When applied for.

13 AUG 1924

When received.

20 AUG 1924

A. Campbell
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute

GLASGOW 19 AUG 1924

Assigned

+ L.M.C. 8.24

FD.

CERTIFICATE WRITTEN
27.8.24



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Lloyd's Register
Foundation