

Received at London Office

21 JAN. 1921

Is Forced Draft fitted		No. and Description of Boilers	
Working Pressure	Tested by hydraulic pressure to	Date of test	No. of Certificate
Is each boiler be worked separately	Area of fire grate in each boiler	No. and Description of Safety Valves to	
Is each boiler	Area of each valve	Pressure to which they are adjusted	Are they fitted with easing gear
Smallest distance between boilers or uptakes and bunkers or woodwork	Mean dia. of boilers	Length	Material of shell plates
Thickness	Range of tensile strength	Are the shell plates welded or flanged	Descrip. of riveting: cir. seams
Long. seams	Diameter of rivet holes in long. seams	Pitch of rivets	Lap of plates or width of butt straps
Percentage of strength of longitudinal joint	Working pressure of shell by rules	Size of manhole in shell	
Is of compensating ring	No. and Description of Furnaces in each boiler	Material	Outside diameter
Length of plain part	Thickness of plates	Description of longitudinal joint	No. of strengthening rings
Working pressure of furnace by the rules	Combustion chamber plates: Material	Thickness: Sides	Back Top Bottom
Thickness of stays to ditto: Sides	Back Top	If stays are fitted with nuts or riveted heads	Working pressure by rules
Material of stays	Area at smallest part	Area supported by each stay	Working pressure by rules End plates in steam space
Material	Thickness	Pitch of stays	How are stays secured Working pressure by rules Material of stays
Area at smallest part	Area supported by each stay	Working pressure by rules	Material of Front plates at bottom
Thickness	Material of Lower back plate	Thickness	Greatest pitch of stays Working pressure of plate by rules
Diameter of tubes	Pitch of tubes	Material of tube plates	Thickness: Front Back Mean pitch of stays
Thickness across wide water spaces	Working pressures by rules	Girders to Chamber tops: Material	Depth and
Thickness of girder at centre	Length as per rule	Distance apart	Number and pitch of stays in each
Working pressure by rules	Steam dome: description of joint to shell	% of strength of joint	
Diameter	Thickness of shell plates	Material	Description of longitudinal joint Diam. of rivet holes
Thickness of rivets	Working pressure of shell by rules	Crown plates	Thickness How stayed
SUPERHEATER. Type Date of Approval of Plan 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



IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building { During progress of work in shops - - }  
{ During erection on board vessel - - }  
Total No. of visits 1920: Nov. 3. 5. 9. 11. 12. 16. 27. Dec. 7.  
For this Survey - 8.

Is the approved plan of main boiler forwarded herewith

" " " donkey " " "

Dates of Examination of principal parts—Cylinders Slides Covers Pistons Rods  
Connecting rods Crank shaft Thrust shaft Tunnel shafts Screw shaft Propeller  
Stern tube Steam pipes tested Engine and boiler seatings 9. 11. 20 Engines holding down bolts  
Completion of pumping arrangements Boilers fixed Engines tried under steam  
Completion of fitting sea connections 27. 11. 20 Stern tube 11. 11. 20 Screw shaft and propeller 12. 11. 20  
Main boiler safety valves adjusted Thickness of adjusting washers  
Material of Crank shaft Identification Mark on Do. Material of Thrust shaft Identification Mark on Do. 1075  
Material of Tunnel shafts Identification Marks on Do. Material of Screw shaft Identification Marks on Do. 1075  
Material of Steam Pipes Test pressure

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 duplicate of a previous case If so, state name of vessel

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

The sea cocks and valves, the stern tube, tail shaft and thrust shaft satisfactorily fitted in the vessel.  
The vessel has been towed to Glasgow where the Machinery and Boilers are to be fitted, and the Glasgow Surveyors have been advised.

Certificate (if required) to be sent to  
The Surveyors are requested not to write on or below the space for Committee's Minute.

The amount of Entry Fee ... £ : : When applied for.  
Special ... £ : :  
Donkey Boiler Fee ... £ : : When received.  
Travelling Expenses (if any) £ : : 19

Committee's Minute FRI. 18 FEB. 1921

Assigned

A. B. Forster

Engineer Surveyor to Lloyd's Register of Shipping.



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Foundation