

Port of HullReceived at London Office 29 SEP 1905

No. in Survey held at Hull Date, first Survey Mar. 17<sup>th</sup> Last Survey 20<sup>th</sup> Sept 1905  
Reg. Book. 15 Supp. on the Steel S. K. President Stevens Tons { Gross 214  
Net 82  
Master Selby Built at Selby By whom built Messrs Lochrane Son When built 1905  
Engines made at Hull By whom made Messrs Charles D. Holmes When made 1905  
Boilers made at Hull By whom made Messrs Charles D. Holmes & Co when made 1905  
Registered Horse Power 69.38 Owners J. Bauwens Port belonging to Ostend  
Nom. Horse Power as per Section 28 69.38 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted No

ENGINES, &c.—Description of Engines Triple Expansion No. of Cylinders 3 No. of Cranks 3  
Dia. of Cylinders 12" - 21" - 34" Length of Stroke 24" Revs. per minute 110 Dia. of Screw shaft 7 1/4" Material of Iron  
as fitted 7 1/4" screw shaft  
Is the screw shaft fitted with a continuous liner the whole length of the stern tube Yes Is the after end of the liner made water tight  
in the propeller boss Yes If the liner is in more than one length are the joints burned burned If the liner does not fit tightly at the part  
between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non corrosive If two  
liners are fitted, is the shaft lapped or protected between the liners plain Length of stern bush 30 1/2"  
Dia. of plain shaft as per rule 6.48" Dia. of Crank shaft journals as per rule 6.8" Dia. of Crank pin 7" Size of Crank webs 13 3/4" x 4 1/2" Dia. of thrust shaft under  
collars 7" as fitted 6 3/4" as fitted 7" Dia. of screw 8' 6" Pitch of screw 10' 9" No. of blades 4 State whether moveable No Total surface 28 sq  
No. of Feed pumps 14 Diameter of ditto 2 3/8" Stroke 14 1/2" Can one be overhauled while the other is at work  
No. of Bilge pumps 1 Diameter of ditto 2 3/8" Stroke 14 1/2" Can one be overhauled while the other is at work  
No. of Donkey Engines One Sizes of Pumps 2 3/4" x 5" No. and size of Suctions connected to both Bilge and Donkey pumps  
In Engine Room Two 2" In Holds, &c. One each 2", to each slush  
well, Ejector suction from engine room bilge & slush wells  
No. of bilge injections 1 sizes 3" Connected to condenser, or to circulating pump pump Is a separate donkey suction fitted in Engine room & size Yes 2"  
Are all the bilge suction pipes fitted with roses Yes Are the roses in Engine room always accessible Yes Are the sluices on Engine room bulkheads always accessible 0  
Are all connections with the sea direct on the skin of the ship Yes Are they Valves or Cocks both  
Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates Yes Are the discharge pipes above or below the deep water line above  
Are they each fitted with a discharge valve always accessible on the plating of the vessel Yes Are the blow off cocks fitted with a spigot and brass covering plate Yes  
What pipes are carried through the bunkers Slush well suction How are they protected wood casing  
Are all pipes, cocks, valves, and pumps in connection with the machinery and all boiler mountings accessible at all times Yes  
Are the bilge suction pipes, cocks, and valves arranged so as to prevent any communication between the sea and the bilges Yes  
When were stern tube, propeller, screw shaft, and all connections examined in dry dock Before Launching Is the screw shaft tunnel watertight None  
Is it fitted with a watertight door worked from

BOILERS, &c.— (Letter for record S) Total Heating Surface of Boilers 1126 sq Is forced draft fitted No  
No. and Description of Boilers One byl. Multi. Working Pressure 200 lbs Tested by hydraulic pressure to 400 lbs  
Date of test 30.8.05 Can each boiler be worked separately Area of fire grate in each boiler 30.4 sq No. and Description of safety valves to  
each boiler Two Spring Area of each valve 3.98 sq Pressure to which they are adjusted 205 lbs Are they fitted with easing gear Yes  
Smallest distance between boilers or uptakes and bunkers or woodwork 7" Mean dia. of boilers 12' 0" Length 10' 0" Material of shell plates Steel  
Thickness 1 3/32" Range of tensile strength 29.32 Are they welded or flanged Descrip. of riveting: cir. seams L. D. long. seams D. B. S. J. R.  
Diameter of rivet holes in long. seams 1 1/16" Pitch of rivets 7" Lap of plates or width of butt straps 15"  
Per centages of strength of longitudinal joint rivets 86.45 Working pressure of shell by rules 205 lbs Size of manhole in shell 16" x 12"  
plate 84.82 Size of compensating ring 7' x 1' No. and Description of Furnaces in each boiler Two Holmes Material Steel Outside diameter 41"  
Length of plain part top 23" Thickness of plates crown 32" Description of longitudinal joint Welded No. of strengthening rings 4 Cor  
bottom 32" Working pressure of furnace by the rules 218 lbs Combustion chamber plates: Material Steel Thickness: Sides 23/32" Back 1/16" Top 23/32" Bottom 23/32"  
Pitch of stays to ditto: Sides 9" x 8 1/2" Back 9" x 8 1/2" Top 8 1/2" If stays are fitted with nuts or riveted heads Nuts Working pressure by rules 213 lbs  
Material of stays Steel Diameter at smallest part 1 9/8" Area supported by each stay 104.625 Working pressure by rules 206 lbs End plates in steam space:  
Material Steel Thickness 1 1/16" Pitch of stays 16" x 16" How are stays secured nut inserted Working pressure by rules 208 lbs Material of stays Steel  
area at smallest part 6.33 Area supported by each stay 256 Working pressure by rules 247 lbs Material of Front plates at bottom Steel  
Thickness 1 5/16" Material of Lower back plate Steel Thickness 1 5/16" Greatest pitch of stays 14 3/4" Working pressure of plate by rules 203 lbs  
Diameter of tubes 3 1/4" Pitch of tubes 4 7/8" Material of tube plates Steel Thickness: Front 15/16" Back 29/32" Mean pitch of stays 9 1/4"  
Pitch across wide water spaces 15" Working pressures by rules 200 lbs Girders to Chamber tops: Material Iron Depth and  
thickness of girder at centre 9 1/2" x 13 1/4" Length as per rule 2' - 8 1/2" Distance apart 8" Number and pitch of Stays in each 3 - 8 1/2"  
Working pressure by rules 221 lbs Superheater or Steam chest; how connected to boiler Can the superheater be shut off and the boiler worked  
separately Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet  
holes Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness  
If stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed  
Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

005644-025655-0004



## DONKEY BOILER—

No.

Description

Made at

By whom made

When made

Where fixed

Working pressure

tested by hydraulic pressure to

No. of Certificate

Fire grate area

Description of safety valves

No. of safety valves

Area of each

Pressure to which they are adjusted

If fitted with easing gear

If steam from main boilers can

enter the donkey boiler

Dia. of donkey boiler

Length

Material of shell plates

Thickness

Range of tensile

strength

Descrip. of riveting long. seams

Dia. of rivet holes

Whether punched or drilled

Pitch of rivets

Lap of plating

Per centage of strength of joint

Rivets  
Plates

Thickness of shell crown plates

Radius of do.

No. of Stays to do.

Dia. of stays.

Diameter of furnace Top

Bottom

Length of furnace

Thickness of furnace plates

Description of

joint

Thickness of furnace crown plates

Stayed by

Working pressure of shell by rules

Working pressure of furnace by rules

Diameter of uptake

Thickness of uptake plates

Thickness of water tubes

## SPARE GEAR. State the articles supplied:—

Two each top and bottom end connecting rod bolts and nuts, two main bearing bolts & nuts, one set coupling bolts, and nuts, one set each air, circulating, feed helge pump valves, a quantity of assorted bolts & nuts etc

The foregoing is a correct description,

Charles D. Holmesy Manufacturer.

Dates  
of Survey  
while  
building

During progress of  
work in shops—  
During erection on  
board vessel—  
Total No. of visits

1905:— Mar 17. Apr 11. 12. May 2. 9. 16. 23. 29. 31 Jun 2. 8. 15. 19. 20. 22. 26 July 4.  
July 6. 8. 12. 15. 17. 18. 20. 21. 24. 26. 27 Aug 15. 21. 22. 25. 30. 31 Sep 7. 8. 9. 12. 14. 16. 20  
41.

Is the approved plan of main boiler forwarded herewith

Yes

## General Remarks

(State quality of workmanship, opinions as to class, &amp;c.)

The machinery and boilers of this vessel have been inspected throughout construction, in accordance with the Rules. The materials and workmanship are good. The boilers tested by hydraulic pressure and with the engines placed on board and tested under steam they are now in good order and safe working condition, and respectfully submitted as being eligible in my opinion to be classed with the notification of  $\frac{1}{2}$  L.M.C. 9.05 in the Register Book.

It is submitted that  
this vessel is eligible for  
THE RECORD.

+ LMC  
9.05

Ed.  
29.9.05

JSM  
29/9/05.

The amount of Entry Fee..

£

1

:

:

:

When applied for,

28/9/05

Special

£

10

:

:

:

When received,

29/9/05

Donkey Boiler Fee

£

:

:

:

When received,

29/9/05

Travelling Expenses (if any)

£

:

:

:

When received,

29/9/05

Committee's Minute

TUES. 3 OCT 1905

Assigned

+ LMC 9.05

James Barclay  
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.  
21.9.05



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Lloyd's Register  
Foundation

Null

Certificate (if required) to be sent to

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