

Date of writing Report

6/4/1908

When handed in at Local Office

9/4/1908

Port of Hull

No. in Survey held at

Hull

Date, First Survey

Nov. 20/07

Last Survey

Mar 25 1908

Reg. Book.

33 Supp on the

Haver NOTRE DAME DE LOURDES.

(Number of Visits 36)

Gross 399

Net 249

When built 1908.

Master

Built at

Selby

By whom built

Bochane & Sons

Engines made at

Hull

By whom made

Amos & Smith

when made

2

Boilers made at

H

By whom made

H

when made

H

Registered Horse Power

✓

Owners The Christiaens, A. Bourgeois & Co

Port belonging to

Boulogne

Nom. Horse Power as per Section 28

99

Is Refrigerating Machinery fitted for cargo purposes

No

Is Electric Light fitted

Yes

ENGINES, &c.—Description of Engines

Inverted triple expansion

No. of Cylinders

3

No. of Cranks

3

Dia. of Cylinders

14-23-38

Length of Stroke

27

Revs. per minute

114

Dia. of Screw shaft

as per rule 8.22

Material of

Iron

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

If the liner is in more than one length are the joints 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

✓

Length of stern bush

40

Dia. of Tunnel shaft

as per rule 7.1

Dia. of Crank shaft journals

as per rule 7.45

Dia. of Crank pin

7 1/2

Size of Crank webs

15 x 5

Dia. of thrust shaft under

collars

7 1/2

Dia. of screw

10-5

Pitch of Screw

11-3

No. of Blades

4

State whether moveable

No

Total surface

36 sq.

No. of Feed pumps

2

Diameter of ditto

2 3/8

Stroke

18

Can one be overhauled while the other is at work

Yes

No. of Bilge pumps

2

Diameter of ditto

2 3/8

Stroke

18

Can one be overhauled while the other is at work

Yes

No. of Donkey Engines

2

Sizes of Pumps

5 x 3 1/2 x 5

5 x 5 x 5

No. and size of Suctions connected to both Bilge and Donkey pumps

In Engine Room 1-2 x 1-2 for one large pump only

In Holds, &c.

3-2

(Hot hold, Cold hold, Reserve bunker) 1-2 for each to all holds with discharge on ship side with

No. of Bilge Injections

1

sizes

3 1/2

Connected to condenser, or to circulating pump, or is a separate Donkey Suction fitted in Engine room & size 2" by 2"

Are all the bilge suction pipes fitted with roses

Yes

Are the roses in Engine room always accessible

Yes

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

Hot & Cold

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

Dates of examination of completion of fitting of Sea Connections

21.1.08

of Stern Tube

21.1.08

Screw shaft and Propeller

21.1.08

Is the Screw Shaft Tunnel watertight

None

Is it fitted with a watertight door

✓

worked from

BOILERS, &c.—(Letter for record S)

Manufacturers of Steel

Wm Beaman & David Soliman & Son

Total Heating Surface of Boilers

1765

Is Forced Draft fitted

No

No. and Description of Boilers

1 S.E. Muenchmuller

Working Pressure

180 lbs

Tested by hydraulic pressure to

360 lbs

Date of test

4.3.08

No. of Certificate

1636

Can each boiler be worked separately

✓

Area of fire grate in each boiler

53.62 sq.

No. and Description of Safety Valves to

each boiler

2 Spring loaded

Area of each valve

4.41

Pressure to which they are adjusted

185 lbs

Are they fitted with easing gear

Yes

Smallest distance between boilers or uptakes and bunkers or woodwork

6

Mean dia. of boilers

14-0

Length

11-0

Material of shell plates

Steel

Thickness

1/8

Range of tensile strength

28-32

Are the shell plates welded or flanged

No

Descrip. of riveting: cir. seams

S.P. Lap.

long. seams

S.P. Lap.

Diameter of rivet holes in long. seams

1 1/2

Pitch of rivets

7.87

Lap of plates or width of butt straps

17 1/2

Per centages of strength of longitudinal joint

rivets 88

plate 85.2

Working pressure of shell by rules

180

Size of manhole in shell

16 x 12

Size of compensating ring

40 x 30 x 1/8

No. and Description of Furnaces in each boiler

3 plain

Material

Steel

Outside diameter 3-4 3/8

Length of plain part

top 6-11 1/2

bottom 6-7 1/2

Thickness of plates

crown 3 1/2

bottom 3 1/4

Description of longitudinal joint

welded

No. of strengthening rings

✓

Working pressure of furnace by the rules

180

Combustion chamber plates: Material

Steel

Thickness: Sides

4/16

Back

4/16

Top

5/8

Bottom

4/16

Pitch of stays to ditto: Sides

10 x 7 1/2

Back

9 3/8 x 8

Top

9 x 7 1/2

If stays are fitted with nuts or riveted heads

None

Working pressure by rules

245

Material of stays

Steel

Diameter at smallest part

1 1/2

Area supported by each stay

75 sq.

Working pressure by rules

248

End plates in steam space:

Material

Steel

Thickness

1/16

Pitch of stays

8 x 16

How are stays secured

Sh-washer

Working pressure by rules

184

Material of stays

Steel

Diameter at smallest part

6

Area supported by each stay

288 sq.

Working pressure by rules

220

Material of Front plates at bottom

Steel

Thickness

29/32

Material of Lower back plate

Steel

Diameter of tubes

3 1/2

Pitch of tubes

4 1/2 x 4 1/2

Material of tube plates

Steel

Thickness: Front

29/32

Back

29/32

Mean pitch of stays

9 1/2

Pitch across wide water spaces

14

Working pressures by rules

182

Girders to Chamber tops: Material

Iron

Depth and

thickness of girder at centre

9 1/2 x 2

Length as per rule

2-10

Working pressure by rules

198

Superheater or Steam chest; how connected to boiler

None

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

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

✓

Lloyd's Register

Foundation

VERTICAL DONKEY BOILER— Manufacturers of Steel

No.	Description		When made		Where fixed	
Made at	By whom made		No. of Certificate		Fire grate area	
Working pressure	tested by hydraulic pressure to		Date of test		Description of Safety	
Valves	No. of Safety Valves	Area of each	Pressure to which they are adjusted		Date of adjustment	
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		Rivets	
Dia. of rivet holes	Whether punched or drilled	Pitch of rivets	Lap of plating	Per centage of strength of joint		Plates
Working pressure of shell by rules	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		
Working pressure of furnace by rules	Thickness of furnace crown plates	Stayed by				
Diameter of uptake	Thickness of uptake plates	Thickness of water tubes	Dates of survey			

SPARE GEAR. State the articles supplied:—

Two top & two bottom end connecting rods
bolts & nuts, Two main bearing bolts, one set of coupling bolts & nuts,
one set of feed & large pump valves, one set of air & circulating pump
valves, Assorted bolts & nuts etc.

The foregoing is a correct description,

Manufacturer.

FOR AMOS & SMITH

Jas Hild

MANAGING PARTNER

Dates of Survey while building
During progress of work in shops— 1907:— Nov 20. 23. 27. Dec 3. 12. 14. 21 1908:— Jan 2. 3. 6. 7. 8. 10. 14. 18. 21. 23 27. 29. Feb 3
During erection on board vessel— 24. 4. 8. 12. 17. 20. 21. 24. 25 Mar 3. 4. 12. 14. 17. 19. 21. 25
Total No. of visits 36.

Is the approved plan of main boiler forwarded herewith R/L 11/19/11

Dates of Examination of principal parts—Cylinders 27.1.08. Slides 23.08 Covers 17.2.08. Pistons 20.2.08. Rods 18.1.08.
Connecting rods 12.2.08. Crank shaft 8.2.08 Thrust shaft 12.2.08 Tunnel shafts ✓ Screw shaft 8.1.08. Propeller 14.1.08.
Stern tube 14.1.08. Steam pipes tested 16.3.08. Engine and boiler seatings 21.1.08 Engines holding down bolts 12.3.08.
Completion of pumping arrangements 25.3.08. Boilers fixed 19.3.08. Engines tried under steam 25.3.08
Main boiler safety valves adjusted 21.3.08. Thickness of adjusting washers 4 3/4" F 3/4"
Material of Crank shaft Steel. Identification Mark on Do. 402 J.W.G. 12.2.08. Material of Thrust shaft Steel. Identification Mark on Do. 402 J.W.G. 12.2.08.
Material of Tunnel shafts ✓ Identification Marks on Do. ✓ Material of Screw shafts Iron Identification Marks on Do. 402 J.W.G. 8.1.08.
Material of Steam Pipes Solid drawn Copper. ✓ Test pressure 360 lbs.

General Remarks (State quality of workmanship, opinions as to class, &c. The machinery & boiler of this vessel have been constructed under Special Survey, are of good material & workmanship & have been fitted & secured on board in accordance with the rules. They are now in good working condition & eligible in my opinion to have the notation L. M. C. 3.08 in the Register Book.

of "Labrador" Hull Rept 19911

It is submitted that
this vessel is eligible for
THE RECORD LMC 3.08.
Elec. light.

The amount of Entry Fee £ 1 : 50
Special £ 15 : 7 : 6
Donkey Boiler Fee £ - : - : -
Travelling Expenses (if any) £ 16 : 19 : 4

When applied for,

10/4/1908

When received,

30.4.08

Committee's Minute

Assessed

TUES. 14 APR 1908

+ time 3.08

MACHINE
WRITTEN

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Lloyd's Register
Foundation

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

Port of

No. in

Reg. Book

33 Supp

Owners

Yard No.

DESCRIP

Capacity

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Position

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