

REPORT ON BOILERS.

No. 2478.⁶
TUES. 6 NOV 1906

Port of *Haave*

Received at London Office

19

No. in Survey held at
Reg. Book.

Haave

Date, first Survey *10. March 1906* Last Survey *31. November 1906*

(Number of Visits *17*)

11. on the *Steel-Screw-Steamer*

"Deux Sieres"

Gross *2461.*
Net *1509.*

Master *C. Muller.*

Built at

Haave

By whom built

Forges & Chantiers

When built *1906.*

Engines made at

Haave

By whom made

Forges & Chantiers

when made *1906.*

Boilers made at

Haave

By whom made

d^e

when made *1906.*

Registered Horse Power *190.*

Owners

Wiborg & Faustin, Capell Leiden

Port belonging to

La Rochelle

MULTITUBULAR BOILERS

~~MAIN, AUXILIARY OR DONKEY.~~

Manufacturers of Steel *Demain Angin & Schulz Knaut*

(Letter for record *(S)*) Total Heating Surface of Boilers *556 sq. ft.* Is forced draft fitted *No.* No. and Description of

Boilers *on cylindrical multitubular D.B.* Working Pressure *100^{lb}* Tested by hydraulic pressure to *185^{lb}* Date of test *10-8-06*

No. of Certificate *48* Can each boiler be worked separately *No.* Area of fire grate in each boiler *27 sq. ft.* No. and Description of

safety valves to each boiler *(2) with Springs.* Area of each valve *1.92* Pressure to which they are adjusted *100^{lb}*

Are they fitted with easing gear *Yes* In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler *No.*

Smallest distance between boilers or uptakes and bunkers or woodwork *24"* Mean dia. of boilers *8.11 1/8"* Length *8.5 1/4"*

Material of shell plates *Steel* Thickness *3/8"* Range of tensile strength *27. to 29* Are the shell plates welded or flanged *Flanged.*

Descrip. of riveting: cir. seams *double* long. seams *table* Diameter of rivet holes in long. seams *1 1/32"* Pitch of rivets *4"*

Lap of plates or width of butt straps *6 3/4"* Per centages of strength of longitudinal joint rivets *75.* Working pressure of shell by

rules *145* Size of manhole in shell *15 3/4" x 11 3/8"* Size of compensating ring *33 1/2" x 1 1/32"* No. and Description of Furnaces in each

boiler *(2) plain* Material *Steel* Outside diameter *32 9/16"* Length of plain part *75"* Thickness of plates crown *17 1/32"*

Description of longitudinal joint *lapped* No. of strengthening rings *on* Working pressure of furnace by the rules *145* Combustion chamber

plates: Material *Steel* Thickness: Sides *9/16"* Back *9/16"* Top *9/16"* Bottom *9/16"* Pitch of stays to ditto: Sides *7 3/8"* Back *7 1/8"*

Top *6 3/8"* If stays are fitted with nuts or riveted heads *nutted* Working pressure by rules *145* Material of stays *Steel* Diameter at

smallest part *1 3/32"* Area supported by each stay *60^{sq}* Working pressure by rules *140* End plates in steam space: Material *Steel* Thickness *5/8"*

Pitch of stays *13 1/8"* How are stays secured *double nuts* Working pressure by rules *140* Material of stays *Steel* Diameter at smallest part *1 3/32"*

Area supported by each stay *88^{sq}* Working pressure by rules *140* Material of Front plates at bottom *Steel* Thickness *2 5/32"* Material of

Lower back plate *Steel* Thickness *2 5/32"* Greatest pitch of stays *No.* Working pressure of plate by rules *No.* Diameter of tubes *3 1/2"*

Pitch of tubes *4 3/4"* Material of tube plates *Steel* Thickness: Front *2 5/32"* Back *5/8"* Mean pitch of stays *10"* Pitch across wide

water spaces *6"* Working pressures by rules *130^{lb}* Girders to Chamber tops: Material *Steel* Depth and thickness of

girder at centre *4 7/16" x 5/8"* Length as per rule *as plan* Distance apart *10 3/8"* Number and pitch of Stays in each *2 - 6 3/8"*

Working pressure by rules *145* Superheater or Steam chest; how connected to boiler *No.* Can the superheater be shut off and the boiler worked

separately *No.* Diameter *No.* Length *No.* Thickness of shell plates *No.* Material *No.* Description of longitudinal joint *No.* Diam. of rivet

holes *No.* Pitch of rivets *No.* Working pressure of shell by rules *No.* Diameter of flue *No.* Material of flue plates *No.* Thickness *No.*

If stiffened with rings *No.* Distance between rings *No.* Working pressure by rules *No.* End plates: Thickness *No.* How stayed *No.*

Working pressure of end plates *No.* Area of safety valves to superheater *No.* Are they fitted with easing gear *No.*

VERTICAL DONKEY BOILER

No.

Description

Manufacturers of steel

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

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

The foregoing is a correct description,

LE DIRECTEUR DE L'EXPLOITATION

Manufacturer.

A. Brice

Dates of Survey while building

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

1906 March. 16. 28. April 25. May 7. 27. July 9. Aug. 10. 16.

1906 August 27. September 8. 13. 25 October 5. 6. 15. 22. 31.

17.

Is the approved plan of main boiler forwarded herewith

"

"

"

donkey

"

"

"

"

Lloyd's Register

Foundation

W611-0052

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

Secretary Letters (E) 10th March 1906. & 13th August 1906.

This donkey-Boiler has been built by the Forges & Chantiers at Havre, under Special Survey, & in accordance with the approved plan.

The materials used which is in Simons-Martin Steel, was tested at works of this Manufacture, & was found of good malleable quality, and in accordance with rules requirements.

The hydraulic pressure test made to 185^{lbs} per square inch and when all organs were filled, the safety-valves were adjusted under steam to 100^{lbs} per square inches.

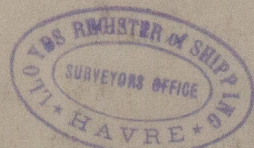


N^o 142. LLOYD'S TEST
185^{lbs}
HAVRE - 10-8-06

Havre 5th November 1906
J. Cartier

The donkey-Boiler of this Vessel being in good and safe working condition: In my opinion, she is eligible for to be Classed, & recorded in the Register Book.

The amount of Entry Fee...	£ - : -	When applied for,
Special ...	£ - : -	5 th November 1906.
Donkey Boiler Fee	52.50 £ 2. : 2.	When received,
Travelling Expenses (if any)	£ 6.25 : 5.	5 th November 1906.



Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

J. Cartier

Committee's Minute

FRI. NOV 9 1906

Assigned



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