

REPORT ON BOILERS.

No. 52274.

TUES. APL 16 1907

Port of Newcastle

Received at London Office

Survey held at Gateshead

Date, first Survey Oct 20

Last Survey Jan 25 1907

(Number of Visits 2)

Description S.S. "Volpone"

Tons } Gross
 } Net

Built at Workington

By whom built R. Williamson & Son (No. 206) When built 1907

Made at Glasgow

By whom made Ross & Duncan (No. 692) when made 1907

Rivets made at Gateshead

By whom made Clarke Chapman & Co No. 2667 when made 1907

Horse Power

Owners

Port belonging to

TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel

blades

certificate

plates to each boiler

fitted with easing gear

distance between boilers or uptakes and bunkers or woodwork

of shell plates

of riveting: cir. seams

plates or width of butt straps

Size of manhole in shell

Material

Outside diameter

Length of plain part

Thickness of plates

Combustion chamber

Material

Thickness: Sides

Back

Top

Bottom

Pitch of stays to ditto: Sides

Back

Propeller

If stays are fitted with nuts or riveted heads

Working pressure by rules

Material of stays

Diameter at

bolts

Area supported by each stay

Working pressure by rules

End plates in steam space: Material

Thickness

How are stays secured

Working pressure by rules

Material of stays

Diameter at smallest part

Supported by each stay

Working pressure by rules

Material of Front plates at bottom

Thickness

Material of

back plate

Thickness

Greatest pitch of stays

Working pressure of plate by rules

Diameter of tubes

tubes

Material of tube plates

Thickness: Front

Back

Mean pitch of stays

Pitch across wide

aces

Working pressures by rules

Girders to Chamber tops: Material

Depth and thickness of

at centre

Length as per rule

Distance apart

Number and pitch of Stays in each

pressure by rules

Superheater or Steam chest; how connected to boiler

Can the superheater be shut off and the boiler worked

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

ed with rings

Distance between rings

Working pressure by rules

End plates: Thickness

How stayed

g pressure of end plates

Area of safety valves to superheater

Are they fitted with easing gear

TYPICAL DONKEY BOILER— No. 1 Description Cross-tube Manufacturers of steel J. Spence & Sons

Gateshead By whom made Clarke Chapman & Co When made 1907 Where fixed Stockport Working pressure 75 lbs

hydraulic pressure to 150 lbs Date of test 25/1/07 No. of Certificate 7417 Fire grate area 19 sq ft Description of safety valves Spring loaded

safety valves one Area of each 9.62 Pressure to which they are adjusted 75 lbs If fitted with easing gear Yes If steam from main boilers can

donkey boiler no Dia. of donkey boiler 6'-0" Length 11'-0" Material of shell plates Steel Thickness 13/32 Range of tensile

28-32 Descrip. of riveting long. seams S. Lap Dia. of rivet holes 13/16 Whether punched or drilled drilled Pitch of rivets 3"

plating 4 1/8 Per centage of strength of joint Rivets 72.5 Working pressure of shell by rules 74 lbs Thickness of shell crown plates 9/16

of do. 5'-0" No. of Stays to do. 6 Dia. of stays 1 5/8 Diameter of furnace Top 4'-8" Bottom 3'-4" Length of furnace 4'-4"

ss of furnace plates 9/16 Description of joint S. Lap Working pressure of furnace by rules 97 lbs Thickness of furnace crown

1/2 Radius of do. 5'-0" Stayed by as above Diameter of uptake 15" Thickness of uptake plates 7/16

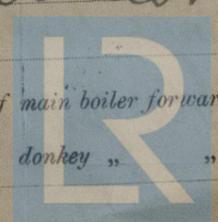
ss of water tubes 7/16

The foregoing is a correct description,
For Clarke, Chapman & Co., Ltd. Manufacturer.

Clarke Chapman

& Foreign Shipy
During progress of work in shops - - 1906. Oct 20. 1907. Jan 25
During erection on board vessel - - -
Total No. of visits 2

Is the approved plan of main boiler forwarded herewith Yes
" " " donkey " " Yes



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W377-0136

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

This donkey boiler has been constructed under special survey & the materials & workmanship are found to be good.
 Thomas Field

VE

These particulars

Signal Letters ()

Official Number

124058

No., Date, and Port

Whether British or Foreign Built.

British

Number of Decks

Number of Masts

Rigged ...

Stern ...

Build ...

Galleries ...

Head ...

Framework and vessel ...

Number of Bull

Number of water and their capacity

Total to quarter at side amid

No. of Engines.

Three

Iron Press

Under Tonnage

Closed-in space

Space or

Poop

Fore-castle

Round Head

Other closed

Spaces for Section 7 1894, if

Deduction

No. of Officers

Name, Rank

Volan

Ernest

The on Op

Dated

W B &

Certificate (if required) to be sent to the Committee's Minute.

The amount of Entry Fee... £	:	:	When applied for.
Special £	:	:	
Donkey Boiler Fee ... £	0	0	When received.
Travelling Expenses (if any) £	:	:	

Monetary account

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

Committee's Minute Glasgow 15 APR 1907

Assigned See Glasgow Report p. 215/23.

FRI. APR 19 1907

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