

REPORT ON BOILERS.

FRI MAR 12 1933

[illegible]

joint

by d 5

Single ended

173

Can each boiler be worked separately

2 Direct spring

Area of each valve

3.988

Pressure to which they are adjusted

185 lbs

with easing gear

Yes

In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

between boilers or uptakes and bunkers or woodwork

8 1/2 inch lap

Mean dia. of boilers

10-0

Length

9-6

plates

Steel

Thickness

27/32

Range of tensile strength

28/32

Are the shell plates welded or flanged

As

ing: cir. seams

lap on

long. seams

881 7/8

Diameter of rivet holes in long. seams

7/16

Pitch of rivets

7

width of butt straps

13 3/4

Per centages of strength of longitudinal joint

86.9

Working pressure of shell by

86.6

Size of manhole in shell

16 x 12

Size of compensating ring

62 x 27/32

No. and Description of Furnaces in each

Plain

Material

Steel

Outside diameter

3-2

Length of plain part

6-0 9/16

Thickness of plates

11/16

Longitudinal joint

As

No. of strengthening rings

4

Working pressure of furnace by the rules

176

Combustion chamber

Steel

Thickness: Sides

9/16

Back

9/16

Top

9/16

Bottom

9/16

Pitch of stays to ditto: Sides

8 x 7 1/2

Back

8 x 7 1/2

Stays are fitted with nuts or riveted heads

Nuts

Working pressure by rules

182

Material of stays

Steel

Diameter at

148

Area supported by each stay

600

Working pressure by rules

197

End plates in steam space: Material

Steel

Thickness

7/8

4 x 4

How are stays secured

As per rule

Working pressure by rules

182

Material of stays

Steel

Diameter at smallest part

3/4

by each stay

196

Working pressure by rules

182

Material of Front plates at bottom

Steel

Thickness

7/8

Material of

Steel

Thickness

7/8

Greatest pitch of stays

13 1/2 x 9 1/2

Working pressure of plate by rules

230

Diameter of tubes

3 1/4

Material of tube plates

Steel

Thickness: Front

7/8

Back

11/16

Mean pitch of stays

9-9

Pitch across wide

8 x 18

Working pressures by rules

172 1/2

Girders to Chamber tops: Material

Steel

Depth and thickness of

by rules

190

Superheater or Steam chest: how connected to boiler

As per rule

Can the superheater be shut off and the boiler worked

Diameter

Length

Thickness of shell plates

Material

Description of longitudinal joint

Diam. of rivet

itch of rivets

Working pressure of shell by rules

Diameter of flue

Material of flue plates

Thickness

rings

Distance between rings

Working pressure by rules

End plates: Thickness

How stayed

ure of end plates

Area of safety valves to superheater

Are they fitted with easing gear

No. 1 DONKEY BOILER—		Description		Manufacturers of steel	
By whom made		When made		Where fixed	
Working pressure		Fire grate area		Description of safety valves	
Date of test		No. of Certificate		If steam from main boilers can	
Area of each		Pressure to which they are adjusted		If fitted with easing gear	
Dia. of donkey boiler		Length		Material of shell plates	
Thickness		Range of tensile		Pitch of rivets	
Descrip. of riveting long. seams		Dia. of rivet holes		Whether punched or drilled	
Per centage of strength of joint		Working pressure of shell by rules		Thickness of shell crown plates	
No. of Stays to do.		Diameter of furnace Top		Length of furnace	
Description of joint		Working pressure of furnace by rules		Thickness of furnace crown	
Stayed by		Diameter of uptake		Thickness of uptake plates	
Per tubes		The foregoing are		Thrust description	

The foregoing is a correct description,
 J. H. W. Beal & Co. of Eng & Ship Rep & Mfg Co. Manufacturer.

Progress of work in shops -- } Feb 15. Mar 5. 11. 23. May 16. June 6. 14. 19. 26 July 3. 9. Aug 12. 20. 31. Sep 5. 13. 19 Oct 3. 21. 28
 Erection on vessel -- } Nov 5. Dec 2. 6 21.
 No. of visits } 24.

Is the approved plan of main boiler forwarded herewith

Is the approved plan of main boiler forwarded herewith

” ” ” *donkey* ” ”

WISIS-0029

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

This Boiler has been built under Special Survey in accordance with approved plans & Specification. The material & workmanship are good. This boiler has been recently fitted & tested the vessel notation all engine report attached.

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

The amount of Entry Fee .. £
Special .. £
Donkey Boiler Fee .. £
Travelling Expenses (if any) £

When applied for, 14-10-1919
When received, 20/3/20

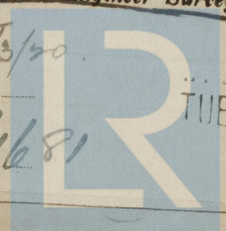
Robert M. D. Ritchie
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping

Committee's Minute
Assigned

FRI. MAR. 19 1920

See Sub for yst 31681

TUE. 5 JUN. 1923



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