

# REPORT ON BOILERS.

No. 26235  
WED. SEP. 23. 1914

Received at London Office

Form of writing Report

191

When handed in at Local Office

22. SEP. 1914

Port of

Sunderland

No. in Survey held at  
Reg. Book.

Sunderland

Date, First Survey

22 April

Last Survey

21 Sept 1914

(Number of Visits)

13

Gross

4210

Net

2612

on the Donkey boiler for the S/S "PACIFIC".

Master

Ireland

Built at

Sunderland

By whom built

Sunderland S B & Ld

When built

1914

Engines made at

Stockton

By whom made

Blair & Co Ld

When made

1914

Boilers made at

Sunderland

By whom made

Macleod & Pollock Ltd (no. 638)

When made

1914

Registered Horse Power

Owners

W. H. Bookersline & Co.

Port belonging to

Skull

## MULTITUBULAR BOILERS - MAIN, AUXILIARY OR DONKEY.

Manufacturers of Steel Thyssen & Co. Stahlwerke

Letter for record

(5)

Total Heating Surface of Boilers

1084 sq ft

Is forced draft fitted

no

No. and Description of

Boilers one single ended marine

Working Pressure

100

Tested by hydraulic pressure to

200

Date of test

21-7-14

No. of Certificate

3235

Can each boiler be worked separately

yes

Area of fire grate in each boiler

31 sq ft

No. and Description of

Safety valves to each boiler

Two spring loaded

Area of each valve

5.9 sq in

Pressure to which they are adjusted

100 lbs

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

18"

Mean dia. of boilers

11'-0"

Length

10'-0"

Material of shell plates

Steel

Thickness

3 1/2"

Range of tensile strength

28-32

Are the shell plates welded or flanged

no

Description of riveting: cir. seams

S.R.

long. seams

lap T.R.

Diameter of rivet holes in long. seams

1 5/16"

Pitch of rivets

4 1/8"

Up of plates

6 7/8"

Per centages of strength of longitudinal joint

86

Working pressure of shell by

No. of plates

103

Size of manhole in shell

16" x 12"

Size of compensating ring

6" x 3/4"

No. and Description of Furnaces in each

Boiler two plain

Material

Steel

Outside diameter

3'-3"

Length of plain part

6'-4"

Thickness of plates

9 1/16"

Description of longitudinal joint

welded

No. of strengthening rings

none

Working pressure of furnace by the rules

104

Combustion chamber

Material: Steel

Thickness: Sides

1 1/2"

Back

9/16"

Top

1 1/2"

Bottom

3/4"

Pitch of stays to ditto: Sides

9 1/4" x 7 1/2"

Material: Steel

Thickness: Sides

1 1/2"

Back

9/16"

Top

1 1/2"

Bottom

3/4"

Pitch of stays to ditto: Sides

9 1/4" x 10"

Material: Steel

Thickness: Sides

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