

Newcastle-on-Tyne

94656

Ship 1515
Instally E.g 1504

M/S PORT JACKSON

Rpt. 5e.

REPORT ON BOILERS.

No. 57077

3 JUN 1936

Date of writing Report 23-5-36 When handed in at Local Office 29-5-36 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 12-3-36 Last Survey 20-5-36
 Reg. Book. Boiler No 13315 for M/V. PORT JACKSON. Number of Visits 12
 on the Gross 9687
 Net 5826
 Master Built at Newcastle-on-Tyne By whom built Swan Hunter & Wigham Richardson When built 1937.
 Donkey Boilers made at ANNAN By whom made COCHRAN & Co When made
 Owners Commonwealth & Dominion Line Port belonging to LONDON.

VERTICAL DONKEY BOILER— No. 1 Description Cochran Manufacturers of steel Steel Co. 8' land
 Made at Annan By whom made Cochran & Co. Annan When made Where fixed ON PORT SIDE Working pressure 100
 tested by hydraulic pressure to 200 Date of test 20-5-36 No. of Certificate 19729 Fire grate area OIL FIRED Description of safety valves J.S.L.
 No. of safety valves 2 Area of each 4'9" Pressure to which they are adjusted 100 lbs. fitted with easing gear Yes If steam from main boilers can
 enter the donkey boiler NONE Diameter of donkey boiler 6'-6" Length 14'-9" Material of shell plates 5 Thickness 15/32"-19/32"
 Range of tensile strength 28-32 Description of riveting long seams J.R.L. Diameter of rivet holes 27/32" Whether punched or
 drilled drilled Pitch of rivets 2-663, 2-704, 2-68 Lap of plating 4 1/4" Per centage of strength of joint Rivets 72-4 Working pressure of shell by
 rules 110 Thickness of shell crown plates 1/16" Radius of do. 6'-6" No. of stays to do. none Diameter of stays " Diameter of
 furnace—Top Bottom 5'-6" Length of furnace Thickness of furnace side plates 1/2" Description of joint Seamless Working
 pressure of furnace by rules 125 Thickness of Ogee ring 27/32" Working pressure of Ogee ring by rules 101 Thickness of furnace
 crown plates 1/4" Radius of do. 2'-9" Stayed by Hemisphere Diameter of uptake 15" x 22" Thickness of uptake
 plates 9/16" Thickness of tube plates front 13/16" back 23/32" Mean pitch of stay tubes in nest 12-74" Pitch in outer vertical rows 8-88"
 Diameter of tube holes FRONT stay 2 1/16" BACK stay 2 1/2" Working pressure of tube plates by rules F120-98 Tubes: Material Iron
 External diameter stay 2 1/2" plain 2 9/16" Thickness stay 1 1/2" plain 1 1/4" No. of threads per inch 9 Pitch of tubes 3 7/16" x 4 7/16"
 Working pressure by rules 125 Manhole compensation; Size of opening in shell plate 16" x 12" Section of compensating
 ring 6" x 3/4" No. of rivets and diameter of rivet holes 36 - 27/32" Outer row pitch at ends 3-66"

For COCHRAN & CO., ANNAN, LIMITED,

The foregoing is a correct description, W.H.R.

L.A.K.

Works Manager.

Manufacturer.

Dates of Survey while building
 During progress of work in shops - 1936 Mar. 12-19-26 Apr. 2-9-16-28-30 May-6-14 Drawing No. 21620
 During erection on board vessel - 18-20
 Total No. of visits 12
 Is the approved plan of boiler forwarded herewith Yes

GENERAL REMARKS

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

This boiler has been built under special survey in accordance with the approved plan and the Society's Rules and requirements the materials and workmanship are good.

The boiler is to the order of Swan Hunter Wigham Richardson Yard No 1504.

29/5/36

This Oil fired Vert. Donkey Boiler has been fixed in the Engine Room on Port Side on d.b. tank top. The Safety Valves were adjusted under steam to 100 lbs/sq and the accumulation test was satisfactory.

A. Watt
 Newcastle-on-Tyne
 20/1/37.

Survey Fee ... £ 44 : 4 :
 Travelling Expenses (if any) £ : : }

When applied for 19
 When received 19

MONTHLY ACCOUNT

Committee's Minute GLASGOW
 Assigned TRANSMIT TO LONDON

2 JUN 1936

Engineer Surveyor to Lloyd's Register of Shipping.

FRI 12 FEB 1937

94656

Lloyd's Register Foundation

013961-013971-0085

