

REPORT ON BOILERS.

No. 61681

NOV 1 1939

Received at London Office

Date of writing Report 10 When handed in at Local Office 30.10.1939 Port of Glasgow.

No. in Survey held at Paisley Date, First Survey Last Survey 17th Oct. 1939

Reg. Book. on the T.W. SC. FERRY "ABERCRAIG" (Number of Visits) Tons {Gross 445 Net 191

Built at Paisley By whom built Fleming & Ferguson, Ltd. Yard No. 550 When built 1939.

Boilers made at Anan By whom made Cochran & Co. Amman Ltd. Boiler No. 14212 When made 1939.

Owners Dundee Harbour Trust Port belonging to Dundee

VERTICAL DONKEY BOILER— No. ONE Description "COCHRANETTE" Manufacturers of steel.

Made at By whom made When made Where fixed Working pressure 100 lb.

tested by hydraulic pressure to Date of test No. of Certificate Fire grate area Description of safety valves Enclosed spring

No. of safety valves 2 Area of each 1.76 sq. Pressure to which they are adjusted 100 lb. If fitted with easing gear YES If steam from main boilers can enter the donkey boiler

Range of tensile strength Description of riveting long. seams Diameter of rivet holes Whether punched or drilled

Pitch of rivets Lap of plating Per centage of strength of joint Rivets. Working pressure of shell by Plates.

rules Thickness of shell crown plates Radius of do. No. of stays to do. Diameter of stays Diameter of furnace—Top Bottom Length of furnace Thickness of furnace side plates Description of joint Working pressure of furnace by rules Thickness of Ogee ring Working pressure of Ogee ring by rules Thickness of furnace crown plates Radius of do. Stayed by No 60 7 4 0 Diameter of uptake Thickness of uptake plates Thickness of tube plates front back Mean pitch of stay tubes in nest Pitch in outer vertical rows

Diameter of tube holes FRONT stay plain BACK stay plain Working pressure of tube plates by rules Tubes: Material

External diameter stay plain Thickness stay plain No. of threads per inch Pitch of tubes

Working pressure by rules Manhole compensation; Size of opening in shell plate Section of compensating ring

No. of rivets and diameter of rivet holes Outer row pitch at ends

The foregoing is a correct description,

Manufacturer

Drawing No.

Dates of Survey while building { During progress of work in shops - - }
 { During erection on board vessel - - }
 Total No. of visits

SEE ACCOMPANYING MACHINERY REPORT.

Is the approved plan of boiler forwarded herewith

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The boiler has been installed in the vessel, tested under steam and the safety valves have been adjusted to the working pressure of 100 lb/sq.

206
30/10/39

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Survey Fee ... £ : : } When applied for 19.....
 Travelling Expenses (if any) £ : : } When received 19.....

Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 31 OCT 1939**
 Assigned **SEE ACCOMPANYING MACHINERY REPORT.**

