

REPORT ON BOILERS.

No. 6619.

Received at London Office

13 MAR 1928

Date of writing Report 12-3-1928, When handed in at Local Office 191 Port of PLYMOUTH

No. in Survey held at Dartmouth Date, First Survey _____ Last Survey 14th Febry. 1928
 Reg. Book. _____ (Number of Visits) _____ } Gross 129.4
 on the Steel Screw Lug "EL TIGIL" Tons } Net Nil.

Master Built at Dartmouth By whom built Philip & Son. Ltd. When built 1928
 Engines made at Dartmouth By whom made Philip & Son. Ltd. When made 1928
 Boilers made at Hebburn-on-Tyne By whom made Palmer's S.B. & Iron Co., Ltd. When made 1928
 Registered Horse Power _____ Owners Sudan Government Port belonging to _____

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

(Letter for record _____) Total Heating Surface of Boilers Is forced draft fitted No. No. and Description of Boilers 1 S.B. Working Pressure 150 lb. Tested by hydraulic pressure to Date of test

No. of Certificate Can each boiler be worked separately Area of fire grate in each boiler No. and Description of safety valves to each boiler 2 Spring loaded Area of each valve 4.04 sq. ft. Pressure to which they are adjusted 150 lb.

Are they fitted with easing gear Yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

Smallest distance between boilers or uptakes and bunkers 5" Mean dia. of boilers Length

Material of shell plates Thickness Range of tensile strength Are the shell plates welded or flanged

Descrip. of riveting: cir. seams long. seams Diameter of rivet holes in long. seams Pitch of rivets

Lap of plates or width of butt straps Per centages of strength of longitudinal joint Working pressure of shell by rules

No. and Description of Furnaces in each boiler _____

Description of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber plates: Material Thickness: Sides Back Top Bottom Pitch of stays to ditto: Sides Back

Top If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Diameter at smallest part Area supported by each stay Working pressure by rules End plates in steam space: Material Thickness

Pitch of stays How are stays secured Working pressure by rules Material of stays Diameter at smallest part

Area supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of Lower back plate Thickness Greatest pitch of stays Working pressure of plate by rules Diameter of tubes

Pitch of tubes Material of tube plates Thickness: Front Back Mean pitch of stays Pitch across wide water spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of girder at centre Length as per rule Distance apart Number and pitch of Stays in each

Working pressure by rules Superheater or Steam chest; how connected to boiler _____ Can the superheater be shut off and the boiler worked separately _____

holes _____ 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 _____

If stiffened with rings _____ Distance between rings _____ Working pressure by rules _____ End plates: Thickness _____ How stayed _____

Working pressure of end plates _____ Area of safety valves to superheater _____ Are they fitted with easing gear _____

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building _____ During progress of work in shops Is the approved plan of boiler forwarded herewith Yes
 _____ During erection on board vessel Total No. of visits 4

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

This boiler has been installed in the vessel in accordance with the Rules and has been tried under working conditions and found satisfactory. The safety valves have been adjusted under steam to the working pressure as above.

Survey Fee ... £ _____ : _____ } When applied for, _____ 191
 Travelling Expenses (if any) £ _____ : _____ } When received, _____ 191

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.
J. W. Reid.

Committee's Minute _____ FRI. 16 MAR 1928 TUES. 27 MAR 1928
 Assigned *See No. 14 attached*

Lloyd's Register Foundation
 002876-002882-0016