

REPORT ON BOILERS.

No. 34561

Received at London Office WED. MAR. 13 1918.

of writing Report 9th March 1918 When handed in at Local Office 19 Port of Glasgow
 Date, First Survey 1/2/18 Last Survey 6th March 1918
 in Survey held at Aman (Number of Visits 9) } Gross
 Book. } Net
 on the Donkey Boiler for Beam Defence Vessel No 20 Tons
 Built at By whom built When built
 made at Aman By whom made Cochran & Co Aman Ltd When made 1918
 Port belonging to

VERTICAL DONKEY BOILER— No. 4448 Description Cochran Manufacturers of steel Glasgow J. & S. Co Ltd
 made at Aman By whom made Cochran & Co When made 1918 Where fixed Working pressure 150
 tested by hydraulic pressure to 300 Date of test 6-3-18 No. of Certificate 4144 Fire grate area 22.5 Description of safety valves
 Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can
 enter the donkey boiler Dia. of donkey boiler 6'6" Length 14'0" Material of shell plates Steel Thickness 11/16" + 25/32" Range of tensile 3.06"
 length 28-32 Descrip. of riveting long. seams D. R. Lap Dia. of rivet holes 1/32" Whether punched or drilled drilled Pitch of rivets 3.0"
 of plating 4/8" Per centage of strength of joint Rivets 67.5 Working pressure of shell by rules 152 Thickness of shell crown plates 13/32" + 5/8"
 Radius of do. 39" No. of Stays to do. nil Dia. of stays Diameter of furnace Top Radius Bottom 6'6" Length of furnace 44"
 Thickness of furnace plates 23/32" + 1/32" Description of joint Working pressure of furnace by rules 151 Thickness of furnace crown
 plates 23/32" Radius of do. 33" Stayed by Hemisphere Diameter of uptake 15" x 23" Thickness of uptake plates 9/16"
 Thickness of water tubes plate The foregoing is a correct description,
front 31/32" For **COCHRAN & CO., ANNAN, LIMITED** Manufacturer.
back 24/32" W. O. Gray

Dates of Survey while building { During progress of work in shops - - } 1918 Feb. 1. 8. 13. 15. 20. 22. 27. Mar. 1. 6.
 { During erection on board vessel - - }
 Total No. of visits 9 Is the approved plan of boiler forwarded herewith no
Drawing No 11618 sent with Glasgow Report No 34463

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The material + workmanship is good
The boiler has been built under special survey.

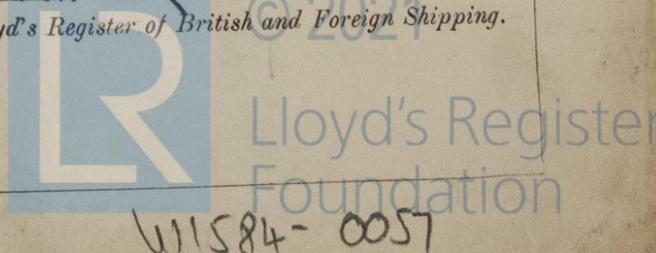
Survey request form No. C1524 attached to Rpt No 34463.

Survey Fee ... £ 2 : 2 : } When applied for, ... 19
 Travelling Expenses (if any) £ : : } When received, ... 19

MONTHLY ACCOUNT.

John H. Copeman
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW, 12. MAR. 1918
 Assigned TRANSMIT TO LONDON



W1584-0057