

REPORT ON BOILERS.

No. 4005

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WED. JUN 23 1920

Survey held at Renfrew Date, First Survey 21. 2. 19 Last Survey 9. 6. 1919
 on the S.S. "Jellicoe Rose" (Number of Visits 7) Tons } Gross 1118
 Net 609
 Built at Paisley By whom built J. Hullerton & Co. (265) When built 1920
 made at Clydebank By whom made Aitchison Blair & Co. (122) When made 1920
 made at Renfrew By whom made Loebnitz & Co. Ltd. (4401B) When made 1919
 Horse Power Owners Richard Hughes & Co. Port belonging to Liverpool

TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Steel Co of Scotland
 for record (S) Total Heating Surface of Boilers 2030 sq ft Is forced draft fitted No. and Description of
Cylindrical return tube Working Pressure 180 Tested by hydraulic pressure to 360 Date of test 9. 6. 19
 Certificate 14444 Can each boiler be worked separately Area of fire grate in each boiler 64.7 sq ft No. and Description of
 valves to each boiler Area of each valve Pressure to which they are adjusted
 fitted with easing gear In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler
 distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers 15. 0 Length 10. 6
 of shell plates Steel Thickness 1 3/32 Range of tensile strength 28 to 32 Are the shell plates welded or flanged No
 of riveting: cir. seams double lap long. seams table butt Diameter of rivet holes in long. seams 5/16 Pitch of rivets 9 1/4
 plates or width of butt straps 19 1/2 Per centages of strength of longitudinal joint rivets 89 Working pressure of shell by
 plate 85.8
 Size of manhole in shell 16 x 12 Size of compensating ring 33 x 27 No. and Description of Furnaces in each
Deighton Material Steel Outside diameter 49 1/4 Length of plain part Thickness of plates crown } 19
 bottom } 32
 No. of strengthening rings 0 Working pressure of furnace by the rules 191 Combustion chamber
 Material Steel Thickness: Sides 19/32 Back 19/32 Top 19/32 Bottom 3/4 Pitch of stays to ditto: Sides 8 1/2 x 7 1/2 Back 8 x 8
7 1/2 If stays are fitted with nuts or riveted heads 7 nuts Working pressure by rules 140 Material of stays Steel Diameter at
 part 1.41 Area supported by each stay 64 sq in Working pressure by rules 180 End plates in steam space: Material Steel Thickness 1 1/16
 stays 8 x 15 How are stays secured 2 nuts Working pressure by rules 88 Material of stays Steel Diameter at smallest part 4.77
 supported by each stay 279 sq in Working pressure by rules 184 Material of Front plates at bottom Steel Thickness 13/16 Material of
 back plate Steel Thickness 2 1/8 Greatest pitch of stays 16 1/2 Working pressure of plate by rules 86 Diameter of tubes 3 1/4
 tubes 4 3/8 x 4 1/2 Material of tube plates Steel Thickness: Front 1 1/16 Back 21/32 Mean pitch of stays 8 3/8 Pitch across wide
 faces 14 1/4 Working pressures by rules 190 Girders to Chamber tops: Material Steel Depth and thickness of
 centre 8 3/4 x 3/4 Length as per rule 31 3/4 Distance apart 8 1/2 Number and pitch of Stays in each (3) 7 1/2
 pressure by rules 184 Superheater or Steam chest; how connected to boiler None Can the superheater be shut off and the boiler worked
 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
 fitted with rings Distance between rings Working pressure by rules End plates: Thickness How stayed
 pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

FOR LOBNITZ & Co., LIMITED
 The foregoing is a correct description,
Edil Walton
 Director Manufacturer.

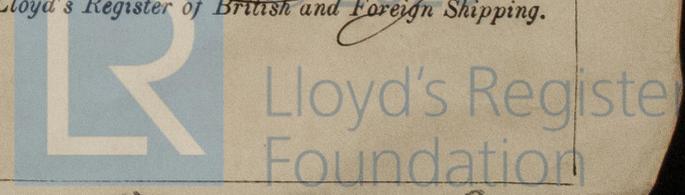
During progress of work in shops --- 1919. Feb 21-26. Mar 10. Apr 28. Is the approved plan of boiler forwarded with 4401. A.
 During erection on board vessel --- May 6. 19. June 9. Total No. of visits 7

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey, the materials and workmanship of good description. It has now been fitted on board and satisfactorily tried under steam.

Survey Fee ... £ Charged on Machinery Report
 Travelling Expenses (if any) £ When applied for, 191
 When received, 191

A. M. Keane Thos. Guoray
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute GLASGOW 22 JUN 1920
 See attached Machinery Report. MD



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