

REPORT ON BOILERS.

No. 29993

Received at London Office

of writing Report 11-6-17 191 When handed in at Local Office 12-6 1917 Port of Hull
 Survey held at Hull Date, First Survey 9-2-16 Last Survey 11-6-17 191
 on the Steel screw tug Anthony Adlett (Number of Visits 27) Gross 305 Tons Net 122
 Built at Selby By whom built Buchanan & Sons Ltd When built 1917-6
 Made at Huddersburgh By whom made Richardsons Westgarth & Co Ltd (No 2376) When made 1917-6
 Made at Hull By whom made G. S. Holmes & Co Ltd (No 1185) When made 1917-6
 Registered Horse Power Owners British Admiralty Port belonging to

WATER TUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel
 for record S Total Heating Surface of Boilers 1440 sq ft Is forced draft fitted no No. and Description of
 one single ended Working Pressure 250 Tested by hydraulic pressure to 400 Date of test 17-5-17
 of Certificate 3213 Can each boiler be worked separately Area of fire grate in each boiler 48 sq ft No. and Description of
 valves to each boiler Two spring loaded Area of each valve 49 sq in Pressure to which they are adjusted 205 lbs
 they fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler
 least distance between boilers or uptakes and bunkers or ~~woodwork~~ 8" Bh lagged 2" dia. of boilers 165" Length 10'-6"
 Material of shell plates Steel Thickness 1 5/16" Range of tensile strength 28-324 Are the shell plates welded or flanged no
 17 rip. of riveting: cir. seams double long. seams J.P.D.B. Diameter of rivet holes in long. seams 1 7/8" Pitch of rivets 8 1/2"
 17 of plates or width of butt straps 18" Per centages of strength of longitudinal joint rivets 87 plate 85 Working pressure of shell by
 17 201 Size of manhole in shell 16" x 12" Size of compensating ring 7" x 1 5/8" No. and Description of Furnaces in each
 Three plain Material steel Outside diameter 40" Length of plain part top 78 1/2" Thickness of plates crown 2 13/16" bottom 69"
 Description of longitudinal joint welded No. of strengthening rings Working pressure of furnace by the rules 206 Combustion chamber
 Material steel Thickness: Sides 3/4" Back 2 3/32" Top 3/4" Bottom 3/4" Pitch of stays to ditto: Sides 10" x 8" Back 9 3/4" x 8 3/4"
 17 1/8" x 8" If stays are fitted with nuts or riveted heads nuts Working pressure by rules 208 Material of stays steel Diameter at
 22A 201 Area supported by each stay 88 sq in Working pressure by rules 211 End plates in steam space: Material steel Thickness 1 7/32"
 of stays 19" x 1 7/8" How are stays secured N. L. & W. Working pressure by rules 210 Material of stays steel Diameter at smallest part 7 5/8"
 supported by each stay 335 sq in Working pressure by rules 233 Material of Front plates at bottom steel Thickness 1 5/16" Material of
 back plate steel Thickness 1 5/16" Greatest pitch of stays 13 3/4" x 9 9/16" Working pressure of plate by rules 216 Diameter of tubes 3 1/2"
 of tubes 4 7/8" Material of tube plates steel Thickness: Front 1 5/16" + 3/16" Back 7/8" Mean pitch of stays 10" Pitch across wide
 spaces 14" Working pressures by rules 275 lbs Girders to Chamber tops: Material steel Depth and thickness of
 at centre 11" x 1 3/4" Length as per rule 36.218" Distance apart 11" Number and pitch of Stays in each Three 8"
 Working pressure by rules 201 Superheater or Steam chest: how connected to boiler 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
 Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear

1136 & 1137 William Westinbrough & Charles Astie
 The foregoing is a correct description,
 CHARLES D. HOLMES & CO. LTD. Manufacturer.
 During progress of 1916: Feb Mar 8. 19. 23. 27. 29 Apr 2. 5. 11. Is the approved plan of boiler forwarded herewith forwarded with
 work in shops - - - - -
 (During erection on) 13. 18. 26. 27. May 1. 4. 9. 15. 16. 17. 21. 24. 29. 31 Total No. of visits 27
 board vessel - - - Jun 2. 4. 5. 11

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This Boiler has been constructed
 under special survey in accordance with the approved plan & the rules of this
 City. The materials & workmanship are good, on completion it was tested
 by hydraulic pressure to 400 lbs found sound & tight. The boiler has been properly
 secured on board the vessel & its safety valves adjusted under steam as above
 Survey Fee £ 8 : 12 : 12/3 When applied for, 12/6/1917
 Travelling Expenses (if any) £ 12/3 When received, 29/6/1917
 Frank L. Stanger
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.