

REPORT ON BOILERS.

No. 72559.

Received at London Office
 7 1 DEC 1919
 Port of NEWCASTLE-ON-TYNE
 Date, First Survey 20th March Last Survey 5th December 1919
 Survey held at Newcastle
 on the ss. ~~Bonnie~~ (Vertical Donkey Boiler No 2494E)
 08992 EN Ferol
 Built at Gateshead By whom built Messrs Blenhe Chapman & Co Ltd
 When made 1919
 Port belonging to

TICAL DONKEY BOILER— No. 1 Description Vertical cross tube. Manufacturers of steel J Spencer & Sons
 Gateshead By whom made Messrs Blenhe Chapman & Co Ltd When made 1919 Where fixed Working pressure 100 lb/sq in
 hydraulic pressure to 200 lb/sq in Date of test 5/12/19 No. of Certificate 9335 Fire grate area 20 sq ft Description of safety valves
 Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can
 Dia. of donkey boiler 6'-0" Length 13'-0" Material of shell plates Steel Thickness 1/2" Range of tensile
 Descrip. of riveting long. seams OR. Lap Dia. of rivet holes 7/8" Whether punched or drilled Quenched Pitch of rivets 3 1/2"
 Per centage of strength of joint Rivets 70.5% Plates 41% Working pressure of shell by rules 108 lb/sq in Thickness of shell crown plates 5/8"
 No. of Stays to do. 6 Dia. of stays 1 1/2" Diameter of furnace Top 4'-8" Bottom 5'-1" Length of furnace 6'-2"
 Description of joint Working pressure of furnace by rules 105 lb/sq in Thickness of furnace crown
 Radius of do. 5'-0" Stayed by as above Diameter of uptake 1'-3" Thickness of uptake plates 7/8"
 of water tubes 1 1/2"

The foregoing is a correct description,
 For CLARKE, CHAPMAN & CO., LTD.
 H Walker Chairman.

During progress of work in shops— 1919 Mar 20 Apr 17 May 7 15 Jun 3 19 July 1 Aug 29 Sep 3 9 12 19 23 29 Oct 6
 During erection on board vessel— Nov 7 14 21 26 Dec 5.
 Total No. of visits 20.
 Is the approved plan of boiler forwarded herewith Yes.

AL REMARKS (State quality of workmanship, opinions as to class, &c.) This donkey boiler has
 been constructed under special survey and the materials
 and workmanship are found and good.

Survey Fee ... £ 2 : 2 : 0 When applied for, 19
 Travelling Expenses (if any) £ : : : When received, 19

Monthly Account.

Committee's Minute
 signed for Committee

TUE NOV 24 1920

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping
 TUE NOV 24 1920
 FRI DEC 24 1920
 FRI FEB 11 1921
 FRI FEB 25 1921

Lloyd's Register
 Foundation
 W 70-0178