

REPORT ON BOILERS.

No. 14587.

Received at London Office

THU. OCT. 15. 1914

Date of writing Report 12th Oct. 1914 When handed in at Local Office 13th Oct. 1914 Port of Trin

No. in Survey held at Trinmouth Date, First Survey September 4 Last Survey October 7 1914

Reg. Book. on the Donkey Boiler No 315 for Sunn S.B. Co 271 S.S. "RAY" (Number of Visits 3) Tons {Gross
Net

Master _____ Built at _____ By whom built _____ When built _____

Boilers made at Trinmouth By whom made 4 Black & Sons When made 1914

Owners _____ Port belonging to _____

VERTICAL DONKEY BOILER— No. one Description Vertical Manufacturers of steel Shel Co of Scotland & Colville & Sons

See Hull Rpt 28300

Made at Trinmouth By whom made 4 Black & Sons When made 7.10.14 Where fixed stokehold Working pressure 100 lbs

tested by hydraulic pressure to 200 lbs Date of test 7.10.14 No. of Certificate 719 Fire grate area 15 Description of safety valves Spring

No. of safety valves 1 Area of each 7.07 Pressure to which they are adjusted 95 lbs If fitted with easing gear yes If steam from main boilers can enter the donkey boiler no

Dia. of donkey boiler 5.0 Length 10.0 Material of shell plates S Thickness 3/32 Range of tensile strength 27-32

Descrip. of riveting long. seams lap both Dia. of rivet holes 13/16 Whether punched or drilled dr. Pitch of rivets 3/8

Lap of plating 5 1/2 Per centage of strength of joint Rivets 88 Working pressure of shell by rules 113 Thickness of shell crown plates 9/16

Radius of do. 5.0 No. of Stays to do. none Dia. of stays — Diameter of furnace Top 3-10 Bottom 4-5 Length of furnace 5-7

Thickness of furnace plates 3/16 Description of joint lap single Working pressure of furnace by rules 110 Thickness of furnace crown plates 5/8

Radius of do. 4-9 Stayed by Dished Diameter of uptake 14 Thickness of uptake plates 7/16

Thickness of water tubes 3/8

The foregoing is a correct description,
Geo. Black & Sons Manufacturer.

Dates of Survey { During progress of work in shops - - } 1914 September 4-28. October 7

{ During erection on board vessel - - }

Total No. of visits 3.

Is the approved plan of boiler forwarded herewith no.

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

This donkey boiler has been built under special survey. The materials and workmanship are sound and good, and on completion it was tested by hydraulic pressure to twice the working pressure and found satisfactory.

Survey Fee £ 2 : 2 : } When applied for, Oct. 20th 1914.

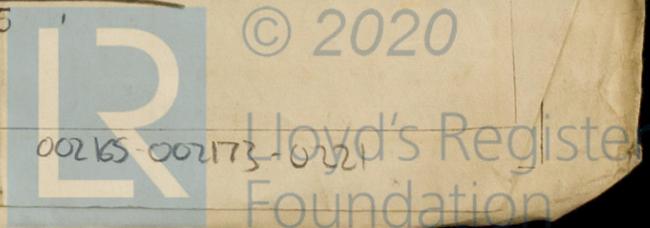
Travelling Expenses (if any) £ 2 : 9 : } When received, Oct. 29th 1914.

G. A. H. M.
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. FEB. 5 - 1915

FRI. FEB. 26. 1915

Assigned



00265-002173-0121

Lloyd's Register Foundation