

REPORT ON BOILERS.

No. 48326

Received at London Office - 1 SEP 1928

Date of writing Report 25th Aug 1928 When handed in at Local Office 25th 8th 1928 Port of Glasgow

No. in Survey held at Glasgow Date, First Survey 15th 2nd 27 Last Survey 21st 8th 1928
 Reg. Book. on the T.S. G.V. KARAMEA (Number of Visits 132) Tons {Gross 8281
 Net 5052

Master Shaw Smith and Arkin & Co. Built at Glasgow By whom built The Fairfield S.B.E. Co. Ltd. When built 1918. 8.

Boilers made at Shaw Smith and Arkin & Co. By whom made Shaw Smith and Arkin & Co. When made 1918. 8.

Owners Shaw Smith and Arkin & Co. Port belonging to Southampton.

VERTICAL DONKEY BOILER— No. One Description Vertical Manufacturers of steel —

Made at Aman By whom made Coburn & Aman Ltd. When made 1928 Where fixed Ey. Room Working pressure 100 lb

tested by hydraulic pressure to 200 lb Date of test 27. 4. 28 No. of Certificate 79810 Description of safety valves Spring

No. of safety valves 2 Area of each 57 Pressure to which they are adjusted 100 lb If fitted with easing gear yes If steam from main boilers can enter the donkey boiler —

Diameter of donkey boiler _____ Length _____ Material of shell plates _____ Thickness _____

Range of tensile strength _____ Description of riveting long seams _____ Diameter of rivet holes _____ Whether punched or drilled _____

Pitch of rivets _____ Lap of plating _____ Per centage of strength of joint _____ Rivets _____ Working pressure of shell by rules _____ Plates _____

Thickness of shell crown plates _____ Radius of do. _____ No. of stays to do. _____ Diameter of stays _____ Diameter of furnace—Top _____ Bottom _____ Length of furnace _____ Thickness of furnace side plates _____ Description of joint _____ Working pressure of furnace by rules _____

Thickness of Ogee ring _____ Working pressure of Ogee ring by rules _____ Thickness of furnace crown plates _____ Radius of do. _____ Stayed by _____ Diameter of uptake _____ Thickness of uptake _____

Thickness of tube plates front _____ back _____ Mean pitch of stay tubes in nest _____ Pitch in outer vertical rows _____

Diameter of tube holes FRONT stay _____ plain _____ BACK stay _____ plain _____ Working pressure of tube plates by rules _____ Tubes: Material _____

External diameter stay _____ plain _____ Thickness stay _____ plain _____ No. of threads per inch _____ Pitch of tubes _____

Working pressure by rules _____ Manhole compensation: Size of opening in shell plate _____ Section of compensating _____

No. of rivets and diameter of rivet holes _____ Outer row pitch at ends _____

The foregoing is a correct description,

Manufacturer.

Dates { During progress of work in shops - - } Drawing No. ✓
 { During erection on board vessel - - }
 while building { Total No. of visits 132 }
See Accompanying Machinery Report
 Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has now been fitted on board the above vessel and its safety valves adjusted on board

Survey Fee £ ✓ : : When applied for 19
 Travelling Expenses (if any) £ ✓ : : When received 19

W. Lane
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute TUE. 4 SEP 1928

Assigned See other report (Gls 48326)

