

REPORT ON BOILERS.

No. 48326

-4 SEP 1928

Date of writing Report 25th Aug 1928 When handed in at Local Office 25-8-28 Port of Glasgow
 Received at London Office
 No. in Survey held at Glasgow Date, First Survey 15.2.27 Last Survey 21.8.1928
 Reg. Book. on the T.S.M.V. 'KARAMEA' (Number of Visits 132) Tons {Gross 8281
 Master Built at Glasgow By whom built The Fairfield S.B.E.C. Co. When built 1928.8
 Boilers made at - By whom made - When made -
 Owners Shaw Savill and Albion C. Co. Port belonging to Southampton

WASTE HEAT, VERTICAL DONKEY BOILER— No. One Description Clarkson Patent Manufacturers of steel -
 Made at Lincoln By whom made Burton & Wilson Ltd. When made 1927 Where fixed Eng. Room Working pressure 100 lb
 Tested by hydraulic pressure to 200 lb Date of test 1.11.27 No. of Certificate 222 Fire grate area - Description of safety valves Spring loaded
 No. of safety valves 2 Area of each 1.76 sq ft 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 _____
 Thickness of shell 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 plates _____
 Thickness of tube plates front _____ back _____ Mean pitch of stay tubes in nest _____ Pitch in outer vertical rows _____
 Diameter of tube holes FRONT stay _____ BACK stay _____ 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. -
 Survey while building { During erection on board vessel - - } See Accompanying Machinery Report
 Total No. of visits 132 Is the approved plan of boiler forwarded herewith -

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 in accordance with the above.

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
 Signed See other rpt. same number

