

REPORT ON BOILERS.

No. 48840
6 FEB 1929

Received at London Office

Date of writing Report 28th July 1929 When handed in at Local Office 1. 2. 1929 Port of Glasgow
 No. in Survey held at Glasgow Date, First Survey 13. 12. 27 Last Survey 27. 1. 1929
 Reg. Book. on the T.S.M.V. 'STAFFORDSHIRE' (Number of Visits 121) Tons { Gross 10655.
 Master - Built at Glasgow By whom built The Fairfield S&B Co Ltd When built 1929.
 Boilers made at Aman. By whom made Cochran & Co. Aman Ltd. When made 1928.
 Owners Bibby S.S. & Co. Port belonging to Limpork

VERTICAL DONKEY BOILER— No. 1 Description Vertical. Manufactured of steel
 Made at - By whom made - When made - Where fixed Engine Room Working pressure 20^{lb}
 tested by hydraulic pressure to - Date of test - No. of Certificate 18024 Grate area - Description of safety valves -
 No. of safety valves - Area of each - Pressure to which they are adjusted 120 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 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 Roller Diameter of uptake Thickness of uptake
 plates Thickness of tube plates front Mean pitch of stay tubes in use Pitch in outer vertical rows
 back
 Diameter of tube holes FRONT stay BACK stay Working pressure of tube plates by rules Tubes: Material
 plain plain
 External diameter stay Thickness stay No. of threads per inch Pitch of tubes
 plain plain
 Working pressure by rules Manhole compensation: Size of opening in shell plate Section of compensating
 ring No. of rivets and diameter of rivet holes Outer row pitch at ends
 The foregoing is a correct description
 Manufacturer.

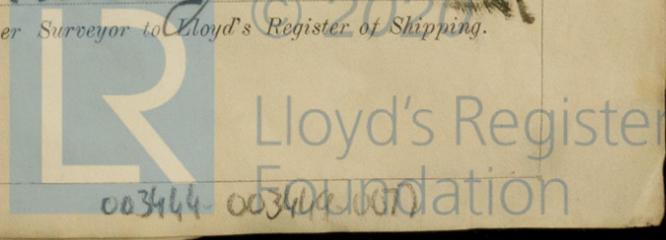
Dates of Survey while building { During progress of work in shops - } See Accompanying Drawing No. 1
 { During erection on board vessel - } Machy Report.
 Total No. of visits 121 Is the approved plan of boiler forwarded herewith -

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 under steam.

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

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

Committee's Minute **GLASGOW 5 - FEB 1929**
 Assigned See Accompanying Machy Report.



The Surveyors are requested not to write on or below the space for Committee's Minute.