

REPORT ON BOILERS. No. 55412  
20 FEB 1935

Date of writing Report 19 When handed in at Local Office 14. 2. 1935 Received at London Office  
 No. in Survey held at Glasgow Port of Glasgow  
 Reg. Book. 90248. on the Twin Luns No. "Manoora" Date, First Survey 5<sup>th</sup> Apr 1934 Last Survey 8<sup>th</sup> Feb 1935  
 (Number of Visits) Tons Gross 10856 Net 6261  
 Master Built at Glasgow By whom built A. Stephen & Sons Ltd. When built 1935  
 Boilers made at Auman By whom made Buchanan & Co Auman Ltd. No. 12881 When made 1934  
 Owners Adelaide Steamship Co Ltd. Port belonging to Melbourne

See Glasgow Report No. 55179

## VERTICAL DONKEY BOILER

No. One Description Buchanan

Manufacturers of steel

Made at By whom made When made Flat at Base of furnace Working pressure 100 lb  
 Where fixed Base of furnace  
 tested by hydraulic pressure to Date of test No. of Certificate Fire grate area Description of safety valves  
 No. of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear  $\frac{1}{2}$  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 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 <sup>stay</sup> plain BACK <sup>stay</sup> plain Working pressure of tube plates by rules Tubes: Material  
 External diameter <sup>stay</sup> plain Thickness <sup>stay</sup> plain No. of threads per inch Pitch of tubes  
 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 - -  
 During erection on board vessel - -  
 Total No. of visits

Drawing No.

SEE ACCOMPANYING MACHINERY REPORT.

Is the approved plan of boiler forwarded herewith

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

This boiler has been efficiently secured in position on board. It has been examined under steam when the Safety valves were adjusted at 100 lb per sq. inch and found in order.

JH 14/2/35.

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

*Per. J. J. J.*  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 19 FEB 1935

Assigned SEE ACCOMPANYING MACHINERY REPORT.



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