

15 MAR 1926

ROUEN REPT. NO 493

5b.

## REPORT ON BOILERS.

No. 1449

-8 OCT 1925

Received at London Office

of writing Report 6<sup>th</sup> Oct<sup>r</sup> 1925 When handed in at Local Office 6<sup>th</sup> Oct<sup>r</sup> 1925 Port of Nantes - Rouen  
 No. in Survey held at 12<sup>th</sup> March 1926 St Nazaire - Rouen Date, First Survey 13<sup>th</sup> Oct<sup>r</sup> 1924 Last Survey 28<sup>th</sup> September 1925  
 on the Steel Twin Screw Motor Vessel "TIJUCA" (Yard No E5) 6 Tons Net  
 Built at Rouen By whom built Ch et Atel de St. Nazaire (Normandie) When built 1925  
 Made at Penhoët, St. Nazaire By whom made Ch et Atel de St. Nazaire When made 1925.  
 Owners Wilh. Wilhelmsen. Port belonging to Jansburg

VERTICAL DONKEY BOILER— No. 1200 Description Large cross tube Manufacturers of steel Languey.  
 Made at Penhoët By whom made Ch et Atel de St. Nazaire When made 1925 Where fixed Engine room Working pressure 8.0 kg/cm<sup>2</sup>  
 Tested by hydraulic pressure to 15.5 kg Date of test 23.4.25 No. of Certificate 82 Fire grate area 0.17 m<sup>2</sup> Description of safety valves Cockham spring loaded  
 No. of safety valves Two Area of each 1134 cm<sup>2</sup> Pressure to which they are adjusted 114 lb If fitted with easing gear Yes If steam from main boilers can  
 enter the donkey boiler ✓ Dia. of donkey boiler 1.550 Length 3.586 Material of shell plates Steel Thickness 12 Range of tensile  
 length 44/50 Descrip. of riveting long. seams D.R. Lap. Dia. of rivet holes 24 Whether punched or drilled drilled Pitch of rivets 71  
 Type of plating 113 Per centage of strength of joint Rivets 86.8 Working pressure of shell by rules 9.6 kg Thickness of shell crown plates 24  
 Radius of do. 1.550 No. of Stays to do. None Dia. of stays ✓ Diameter of furnace Top 1.180 Bottom 1.380 Length of furnace 1718  
 Thickness of furnace plates 17 Description of joint welded Working pressure of furnace by rules 9.0 kg Thickness of furnace crown  
 plates 17 Radius of do. 1.180 Stayed by cut uptake Diameter of uptake 340 int Thickness of uptake plates 12  
 Thickness of water tubes 10.

The foregoing is a correct description,

Manufacturer.

Dates During progress of work in shops— 1924 Oct. 13. Dec. 1. 11. 18. 22. 1925 Jan. 7. 15. 19. 29. Feb. 3. 13. Mar. 2. 11. 20. 26 April. 22. 23. 27. Sept. 17. 21. 24. 28.  
 Survey while building During erection on board vessel— 1925, Jan. 14., Nov. 2. 18. Dec. 7. 23. 1926 Jan 13  
 Total No. of visits Nantes 22. Rouen 6

Is the approved plan of boiler forwarded herewith Copy in London  
 " " approved, 22/9/24

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

Workmanship good. This vertical donkey boiler has been specially surveyed during its construction. It has been built in accordance with the approved plan and the material used has been made at approved works and tested by the surveyors to the Society. All mountings have been tested by hydraulic pressure and have been fitted to the boiler but removed again for transport to Rouen for fitting onboard the vessel. This boiler will be eligible, in my opinion, for the notation of + N.D.B. of suitable date in the Register Book when fitted onboard in accordance with the Rules and its safety valves adjusted under steam, working pressure 114 lb.

This Donkey Boiler has been satisfactorily fitted on board, its steam pipes tested to 16 kg. cm<sup>2</sup> hydraulic pressure and its safety valves adjusted under steam to 114 lb. cm<sup>2</sup> pressure. Boiler examined under steam and in order.  
 Compression rings { Hard. valve 8.8 m/m  
 Soft. valve 9.2 m/m

J. C. M. Pendall

Survey Fee £44.0 9.105 pence :442:

Travelling Expenses (if any) £0 :350:

When applied for, 6<sup>th</sup> October 1925

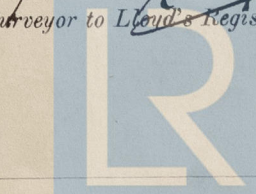
When received, 9/11/25 19

Committee's Minute

Assigned

FRI. 19 MAR 1926

See J. C. M. Pendall. Rou. 793

Geo. A. Lang  
 Engineer Surveyor to Lloyd's Register of Shipping.Lloyd's Register  
 Foundation

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