

# REPORT ON BOILERS.

No. 6225

Received at London Office 31 JAN 1928

Date of writing Report Dec. 26<sup>th</sup> 1927 When handed in at Local Office Dec. 27<sup>th</sup> 1927 Port of Hong Kong  
 No. in Survey held at Hong Kong Date, First Survey Nov. 15<sup>th</sup> 1927 Last Survey Dec. 21<sup>st</sup> 1927  
 Reg. Book. on the Steel Twin Screw Motor Vessel "PALAWAN" (Number of Visits 7) Gross 562.32 Tons Net 308.96  
 Master                      Built at Hong Kong By whom built H.K. & Whampoa Dock Co. Ltd When built 1927  
 Boilers made at Annan, Scotland By whom made Cochran & Co. Ltd When made 1927  
 Owners M. J. O'SSODRIO Port belonging to Manila, P. I.

VERTICAL DONKEY BOILER— No. One Description Cochran Manufacturers of steel ✓  
 Made at Annan By whom made Cochran & Co. Ltd When made 1927 Where fixed stokehold Working pressure 100 lbs  
 tested by hydraulic pressure to 200 lbs Date of test 6/5/27 No. of Certificate 17404 Fire grate area 26.75 sq Description of safety valves Spring loaded  
 No. of safety valves 2 2 1/2 Area of each 9.80 Pressure to which they are adjusted 100 lbs If fitted with easing gear yes If steam from main boilers can enter the donkey boiler ✓ Dia. of donkey boiler 7'-0" Length 14'-0" Material of shell plates ✓ Thickness ✓ Range of tensile strength ✓ Descrip. of riveting long. seams ✓ Dia. 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. ✓ Dia. of stays ✓ Diameter of furnace Top ✓ Bottom ✓ Length of furnace ✓  
 Thickness of furnace plates ✓ Description of joint ✓ Working pressure of furnace by rules ✓ Thickness of furnace crown plates ✓ Radius of do. ✓ Stayed by ✓ Diameter of uptake ✓ Thickness of uptake plates ✓  
 Thickness of water tubes ✓

The foregoing is a correct description.  
HONGKONG & WHAMPOA DOCK CO., Ltd. Manufacturer.

Dates of Survey while building { During progress of work in shops - - } ✓  
 { During erection on board vessel - - - } Nov. 15, 17, 25, 28, Dec. 1<sup>st</sup> 6<sup>th</sup> + 21<sup>st</sup>  
 Total No. of visits 7 Is the approved plan of boiler forwarded herewith No. with original Rpt

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The materials have been tested by the Surveyors to this Society & the boiler has been surveyed during construction by the Surveyors to this Society in Glasgow, & has now been installed on board this vessel in accordance with the Rules & the workmanship is good. Safety valves adjusted under steam to 100 lbs. satisfactorily. Thickness of washers:- Port = 2 1/32" Starb. 5/8".

Identification marks on Boiler:—  
 N<sup>o</sup> 17404  
 LLOYD'S TEST 200 lbs.  
 WP = 100 lbs.  
 G. J. T. 6-5-27

Steam, feed & blow off pipes (S.D. Copper) tested satisfactorily with 250 lbs. hyd. pressure.  
 Donkey Boiler feed pump 6" x 4" x 6" Vertical duplex placed in Stokehold.  
 Boiler can also be pumped up by the Steam G. S. Pump in Engine room, 6" x 4" x 6" Vert. Duplex, through the auxiliary check valve.

In conjunction with the machinery, it is recommended that the vessel be classed with Lloyd's Machinery Certificate and the record of L.M.C. 12-27, D.B. 100 lbs. be made in the Register Book, subject to the remaining items of spare gear being placed on board at earliest convenience.

Survey Fee Installation \$5.00 : When applied for Dec. 24<sup>th</sup> 1927  
 Travelling Expenses (if any) £ ✓ : When received, 31<sup>st</sup> 1927

H. Morrison  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. 10 FEB 1928

Assigned See Minute on

FRI. 9 NOV 1928

FRI. 30 NOV 1928

H.K. Rpt 6225 attached

008344-008353-0047



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