

# REPORT ON BOILERS.

Sld. No. 32412

Sld. No. 60410

NOV 23 1938

APR 21 1939

Date of writing Report 19 11 38 When handed in at Local Office 19 11 38 Port of Glasgow  
 No. in Survey held at Amman S.H.D. Date, First Survey 30 : 6 : 38 Last Survey 9-11-1938  
 Reg. Book. M/V "HANNINGTON COURT" (Number of Visits 17) Tons { Gross 5449 Net 3247  
 Master Built at Sunderland By whom built Wm Dwyer & Sons Ld (No 649) When built 1938  
 Boilers made at Amman By whom made Buchanan & Co Amman Ld (No 14246) When made 1938  
 Owners Coast Line Ld Port belonging to London.

VERTICAL DONKEY BOILER— No. one Description Composite Manufacturers of steel Buchan Ld  
 Made at By whom made When made Where fixed Uppan Str. Working pressure 120  
 tested by hydraulic pressure 230 Date of test 9-11-38 No. of Certificate 20297 Fire grate area oil Description of safety valves Enclosed Spring  
 No. of safety valves 2 Area of each 7.06 Pressure to which they are adjusted 120 If fitted with easing gear yes If steam from main boilers can enter the donkey boiler - Diameter of donkey boiler 8'-0" Length 17'-9" Material of shell plates steel Thickness 3/32 13/16  
 Range of tensile strength 28-32 Description of riveting long. seams WR Lap Diameter of rivet holes 1 1/2 Whether punched or drilled drilled Pitch of rivets 3-15/4 3-13/8 3-1/8 Lap of plating 5" Per centage of strength of joint Rivets 6627 & 53-9 Working pressure of shell by Plate 6628 & 67-3  
 rules 127 Thickness of shell crown plates 19/32 & 13/32 Radius of do. 4'-0" No. of stays to do. Diameter of stays Diameter of furnace—Top Bottom 7'-0" Length of furnace Thickness of furnace side plates 23/32 Description of joint Seamless Working pressure of furnace by rules 144 Thickness of Ogee ring 1 1/2 Working pressure of Ogee ring by rules 124 Thickness of furnace crown plates 23/32 Radius of do. 3'-6" Stayed by hemisphere Diameter of uptake 21 1/2 x 25 Thickness of uptake plates 9/16 Thickness of tube plates front 1 1/2 back 1 1/2 Mean pitch of stay tubes in nest 9.47.8.72.7.8 Pitch in outer vertical rows 6-37/4 & 5-1/4  
 Diameter of tube holes FRONT stay 2 3/16 1 1/16 BACK stay 2 1/2 1 1/2 Working pressure of tube plates by rules F 122 B 196 Tubes: Material steel F 126-2 B 161-3  
 External diameter stay 2 1/2 Thickness plain 10 L 59 No. of threads per inch 9 Pitch of tube 3-15/8 x 3-13/8 2 5/8 x 2 1/16  
 Working pressure by rules 215 Manhole compensation; Size of opening in shell plate 16 x 12 Section of compensating ring 2-4 dia x 8/32 No. of rivets and diameter of rivet holes 36 @ 1 1/2 Outer row pitch at ends 3.89"

The foregoing is a correct description.  
 FOR BUCHANAN & CO., ANNAN, LTD. W.D. J. J. J.  
 J. J. J. Manufacturer.

Dates of Survey while building { During progress of work in shops - - 1938 June: 30 July: 7-13 Aug: 4-11-19-25 Sep: 1-8 Drawing No. E. 33887  
 { During erection on board vessel - - 16-30 Oct: 4-13-20-27 Nov: 4-9  
 Total No. of visits 17 Is the approved plan of boiler forwarded herewith

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)  
 The materials and workmanship are good.  
 The boiler has been constructed under Special Survey.  
 The boiler will be sent to Sunderland to be fitted in the vessel.

This boiler has been securely fixed on board the vessel  
 steamed under steam & safety valves adjusted in accordance with  
 Rule Requirements.  
 For recommendation please see Mchng. Rpt

W.D. J. J. J.

Survey Fee ... £ 4 : 4 : } When applied for 19  
 Travelling Expenses (if any) £ : : } When received 10

MONTHLY ACCOUNT

W.D. J. J. J. © 2019  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 22 NOV 1938  
 Assigned TRANSMIT TO LONDON

Lloyd's Register Foundation  
 TUE 25 APR 1939