

## REPORT ON BOILERS.

No. 84118

Received at London Office 31 AUG 1955

Date of writing Report 23. 8. 55 When handed in at Local Office 24. 8. 55 Port of Glasgow.

No. in Survey held at Annan. Date, First Survey 31<sup>st</sup> March 1955 Last Survey 18th August, 1955.  
Reg. Book on the "Hesperus" (Number of Visits 18) Tons { Gross  
Net

Built at Gothenburg. By whom built Gotaverken A/B. Yard No. 710 When built

Boilers made at Annan. By whom made Cochran &amp; Co. (Annan) Ltd. Boiler No. 20256. When made 1955.

Owners Port belonging to

VERTICAL DONKEY BOILER— No. one Description Multitubular. Manufacturers of steel Colvilles Ltd.

Made at Annan By whom made Cochran &amp; Co. (Annan) Ltd. When made 1955. Where fixed 1955. Working pressure 100 lb.

tested by hydraulic pressure to 200 Date of test 18. 8. 55 No. of Certificate / Total heating surface of boilers 450 sq. ft. Area of firegrate in  
each boiler 0.6 Enclosed Springs. Area of each set of valves per boiler 9.81 sq. Pressure to which

they are adjusted If fitted with easing gear If steam from main boilers can enter the donkey boiler Diameter of boiler 6'6".

Length 15'9" Material of shell plates Steel Thickness 19/32", 15/32". Range of tensile strength 28-32 T. Description of riveting long.

seams DR. Lap. Diameter of rivet holes 27/32". Whether punched or drilled drilled Pitch of rivets 2.81, 2.69, 2.66 Lap of

plating 4 1/2". Thickness of shell crown plates 7/8", 13/32" Radius of do. 3'3" No. of stays to do. Nil. Diameter of stays - Diameter of

furnace—Top - Bottom 5'6" Length of furnace - Thickness of furnace side plates 1/2". Description of joint seamless Thickness

of Ogee ring 7/8" Thickness of furnace crown plates 1/2" Radius of do. 2'9". Stayed by Hemisphere Diameter of

uptake 16" x 20" Thickness of uptake plates 1/2" Thickness of tube plates 27/32" front Mean pitch of stay tubes in nest as approved.  
back 23/32"

Pitch in outer vertical rows 8.88" Diameter of tube holes FRONT 2.11/16" BACK 2.9/16" Tubes: Material Steel.

External diameter stay 2 1/2" Thickness stay 11/32" No. of threads per inch 9 Pitch of Tubes 3.56" x 4.44"

Manhole compensation; Size of opening in shell plate 21" x 17 Section of compensating ring 6.21/32" x 1" No. of rivets and

diameter of rivet holes 40 of 27/32" Outer row pitch at ends 4.125".

For COCHRAN & CO. (ANNAN) LTD. The foregoing is a correct description, 4/11/55  
Technical Sales Managerrt 22050  
my ins  
er  
Dates { During progress of work in shops 1955. Mar. 31. Apr. 7. 14. 21. 28. May 5. 12. 17. 26. June 3. 16. 24. 30. July 5. 14. Drawing No. 41654  
of Survey while building { During erection on board vessel - - - Aug. 3. 11. 18.  
Total No. of visits 18. Is the approved plan of boiler forwarded herewith Yes.  
in London.GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been constructed  
under Special Survey in accordance with the Society's Rules and approved plans.  
The materials and workmanship are good.

## MONTHLY ACCOUNT

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

Committee's Minute

Assigned

Deferred for completion

GLASGOW 30 AUG 1955

J. Bransford  
Engineer Surveyor to Lloyd's Register of Shipping.

TUESDAY 20 MAR 1956

Lloyd's Register  
Foundation