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REPORT ON BOILERS.

26 MAY 1960

8 OCT 1958

No. 89122.

Date of writing Report 1.10.1958 When handed in at Local Office 2.10.1958. Received at London Office ..... Port of Glasgow.

No. in Reg. Book ..... Survey held at Annan. Date, First Survey 4.7.58 Last Survey 16.9.1958. (Number of Visits 9.) on the .....

Built at ..... By whom built N.V. Koninklijke Maats De Schelde Vilissingen Yard No. ..... When built .....

Boilers made at Annan By whom made Cochran & Co. Annan, Ltd. Boiler Nos. 21215/6 When made 1958

Owners ..... Port belonging to .....

Tons { Gross ..... Net .....

VERTICAL DONKEY BOILER— No. Two Description Vertical Manufacturers of steel Colvilles Ltd.

Made at Annan By whom made Cochran & Co. Annan, Ltd. When made 1958 Where fixed - Working pressure 100 lb

tested by hydraulic pressure to 200 Date of test 16.9.58. No. of Certificate 25339/40 Total heating surface of boilers 350 sq.ft. Area of firegrate in each boiler O.F. No. and description of safety valves on each boiler 2 Enclosed Springs Area of each set of valves per boiler 14.4sq.in. each 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'-0"

Length 12'6" Material of shell plates Steel Thickness 7/16" 17/32" Range of tensile strength 28/32 T Description of riveting long. seams D.R. Lap Diameter of rivet holes 25/32" Whether punched or drilled drilled Pitch of rivets 2.45" 2.69" Lap of plating 3.7/8" Thickness of shell crown plates 17/32" Radius of do. 3'-0" No. of stays to do. ..... Diameter of stays 2.67" Diameter of furnace—Top ..... Bottom 5'-0" Length of furnace ..... Thickness of furnace side plates 1/2" Description of joint seamless Thickness of Ogee ring 27/32" Thickness of furnace crown plates 1/2" Radius of do. 2'-6" Stayed by hemisphere Diameter of uptake 13½" x 21½" Thickness of uptake plates 1/2" Thickness of tube plates front 13/16" back 21/32" Mean pitch of stay tubes in nest as approved /

Pitch in outer vertical rows 8" Diameter of tube holes FRONT stay 2.11/16" plain 2.9/16" BACK stay / plain 2½" Tubes: Material steel

External diameter stay / plain 2½" Thickness stay 11/32" plain 10 LSG No. of threads per inch 9 Pitch of Tubes 3.9/16" x 4"

Manhole compensation; Size of opening in ~~shell~~ crown plate 21" x 17" Section of compensating ring 6.23/32" x 1" Flanged 3.1/2" No. of rivets and diameter of rivet holes 40 @ 25/32" Outer row pitch at ends 4.16"

The foregoing is a correct description, Cochran & Co. Annan, Ltd. .....

..... Manufacturer.

14.10.58

Dates of Survey while building { During progress of work in shops - 1958. July 4.10.17. Aug 14.21.28. Sep 4.12.16 / During erection on board vessel - - / Total No. of visits 9.

Drawing No. 46442 Approved 27.5.58

Is the approved plan of boiler forwarded herewith yes Please return for further boilers.

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.

Survey Fee £24:0:0

Travelling Expenses (if any) £ : :

MONTHLY ACCOUNT
When applied for ..... 19.....
When received ..... 19.....

S. Macleod
Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 7 OCT. 1958

Signed Deferred for completion

PLEASE RETURN THIS REPORT WITH YOUR FIRST ENTRY.

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