

REPORT ON BOILERS

No. FE. 285

Date of writing Report 21.5.64 When handed in at Local Office 3.6.64 Port of Glasgow Received at London Office 10 JUN 1964

No. in Survey held at Annan Date, First Survey 19.3.64 Last Survey 27th May 1964
 Reg. Book on the (Number of Visits 9) Gross Tons Net Tons

Built at By whom built "De Schelde" Yard No. When built

Boilers made at Annan By whom made Cochran & Co. Annan Ltd Boiler No. 23464 When made 1964

Owners Port belonging to

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

Made at Annan By whom made Cochran & Co. Annan Ltd When made 1964 Where fixed — Max. Working pressure 105 psi

Tested by hydraulic pressure to 208 psi Date of test 25.5.64 No. of Certificate 26222 Total heating surface of boilers 360 sq. ft. Area of firegrate in each boiler 0. F. 1-3" Des-ordinary lift

No. and description of safety valves on each boiler Area of each set of valves per boiler 14.1372 sq. in. Pressure to which they are adjusted 100 psi If fitted with easing gear — If steam from main boilers can enter the donkey boiler — Diameter of boiler 6'-0"

Length 12'-3" Material of shell plates M.S. Thickness $\frac{3}{8}$ " 15/32" Range of tensile strength 28-32 Tons. Description of riveting long. seams welded Diameter of rivet holes — Whether punched or drilled — Pitch of rivets — Lap of plating — Thickness of shell crown plates $\frac{3}{4}$ " Radius of do. 4'-6" No. of stays to do. — Diameter of stays — Diameter of furnace—Top — Bottom 5'-0" Length of furnace — Thickness of furnace side plates $\frac{1}{2}$ " Description of joint — Thickness of Ogee ring 27/32" Thickness of furnace crown plates $\frac{1}{2}$ " Radius of do. 2'-6" Stayed by Hemisphere Diameter of uptake 16" x 20" Thickness of uptake plates $\frac{1}{2}$ " Thickness of tube plates front 25/32" back $\frac{5}{8}$ " Mean pitch of stay tubes in nest —

Pitch in outer vertical rows 8.332" Diameter of tube holes FRONT stay 2.17/32" BACK stay 2 1/2" Tubes: Material M.S. plain 2.9/16" plain 2 1/2"

External diameter stay 2 1/2" Thickness stay 3. L.S.G. No. of threads per inch Welded Stay Tubes Pitch of Tubes 3.19/16" x 4.166" plain 2 1/2" plain 10. L.S.G.

Manhole compensation; Size of opening in shell plate 16" x 12" Section of compensating ring Flanged 3" No. of rivets and diameter of rivet holes — Outer row pitch at ends —

The foregoing is a correct description,

Manufacturer

Dates of Survey while building During progress of work in shops 19.3.64. - 27.5.64. Drawing No. V.21897

During erection on board vessel - -

Total No. of visits 9 Is the approved plan of boiler forwarded herewith Yes.

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

The boiler has been constructed under Special Survey in accordance with the Secretary's letters, the Society's Rules and approved plans.

The material and workmanship are good.

Survey Fee ... £ :

When applied for MONTHLY ACCOUNT 19

Travelling Expenses (if any) £ :

When received 19

Committee's Minute

GLASGOW

- 9 JUN 1964

Assigned

Deferred for completion

Engineer Surveyor to Lloyd's Register of Shipping
 (J. McKEOWN)

Lloyd's Register
 Foundation

D12333-012339-0140

PLEASE RETURN THIS REPORT
 WITH YOUR FIRST ENTRY

Is a Report also sent on the Hull of the Ship?

If not, state whether, and when, one will be sent?

Certificate (if required) to be sent to

1m.12.60 - Copyable Ink

The Surveyors are requested not to write on or below the space for Committee's Minute.