

REPORT ON BOILERS.

No. 84985.

Date of writing Report 5.3.56 When handed in at Local Office 7.3.56 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 29.9.55 Last Survey 16.2.1956
 Reg. Book on the M.V. "TRITONICA" (Number of Visits 18) Tons Gross
 Built at Annan By whom built N.E. Marine Eng. Co. Ltd. Yard No. 3279 When built 1956
 Boilers made at Annan By whom made Cochran & Co. Annan, Id. Boiler No. 20719 When made 1956
 Owners SCANDINAVIAN ORE TANKERS INC. AB SWEDEN Port belonging to LONDON

VERTICAL DONKEY BOILER— No. one Description Composite Manufacturers of steel Colvilles Ltd.
 Made at Annan By whom made Cochran & Co. Annan, Id. When made 1956 Where fixed Working pressure 100 lb.
 tested by hydraulic pressure to 200 Date of test 16.2.56 No. of Certificate 24628 Total heating surface of boilers EG 1320 sq. ft.
 each boiler EG & OF No. and description of safety valves on each boiler 2 enclosed springs Area of firegrate in OF 910 sq. ft.
 they are adjusted EG & OF No. and description of safety valves on each boiler Area of each set of valves per boiler 19.24 sq. in. Pressure to which
 Length 23'-9" Material of shell plates steel Thickness 19/32, 27/32" Range of tensile strength 28-32 Description of riveting long.
 seams D.R. Lap Diameter of rivet holes 31/32" Whether punched or drilled drilled Pitch of rivets 2.78, 2.75, 2.97 Lap of
 plating 4 3/4" Thickness of shell crown plates 17/32" Radius of do. 4'-3" No. of stays to do. nil Diameter of stays - Diameter of
 furnace—Top - Bottom 7'-6" Length of furnace 7'-6" Thickness of furnace side plates 21/32" Description of joint seamless Thickness
 of Ogee ring 1.1/8" Thickness of furnace crown plates 21/32" Radius of do. 3'-9" Stayed by hemisphere Diameter of
 uptake 23 1/4" x 26 3/4" Thickness of uptake plates 9/16" Thickness of tube plates front 1.3/16 back 1.1/16 Mean pitch of stay tubes in nest as appvd.
 Pitch in outer vertical rows EG 5.1/4" OF 6.1/2" Diameter of tube holes FRONT 2 1/16 1 1/16 2 3/16 stay 2 1/16 2 1/16 2 1/16 Tubes: Material steel
 External diameter EG 2.625 x 2.625 OF 3.0 x 3.25 Thickness EG 2.625 x 2.625 OF 3.0 x 3.25 Pitch of Tubes EG 2.625 x 2.625 OF 3.0 x 3.25
 Manhole compensation; Size of opening in crown plate 21" x 17" Section of compensating ring 7.17/32" x 1" No. of rivets and
 diameter of rivet holes 40 of 31/32" Outer row pitch at ends 4.22"

For GOCHMAN The foregoing is a correct description, Y.H.
 Technical Sales Manager

Dates of Survey while building { During progress of work in shops 1955. Sep. 29 Oct. 6-13-20-25 Nov. 3-10-17-23 Dec. 9-15-22-29 Drawing No. 41852
 { During erection on board vessel 1956. Jan. 5-12-20-26 Feb. 4-16
 Total No. of visits 18 Is the approved plan of boiler forwarded herewith yes

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.

Newcastle. Sunderland. 15/10/56.

NEWCASTLE-ON-TYNE, No. 113825

This boiler has been installed in the M.V. 'TRITONICA' & tested under working conditions, the safety valves adjusted, the accumulation tests carried out with satisfactory results

Le. W. Brown & 7 Bottomley.

MONTHLY ACCOUNT

Survey Fee ... £ 22 : 16 : } When applied for 19
 Travelling Expenses (if any) £ : : } When received 19

Committee's Minute

Assigned

Deferred for completion

Engineer Surveyor to Lloyd's Register of Shipping.

TUESDAY 4-DEC 1956

See Shd. Bk. Lloyd's Register Foundation
 004861-004865-0186