

REPORT ON BOILERS.

No. 54127

Date of writing Report 8-1-34 When handed in at Local Office 12-1-34 Port of Glasgow
 No. in Survey held at Annan Date, First Survey 3-11-33 Last Survey 5-1-34
 Reg. Book. on the Twin Sc. M/V. "INCOMPTI." (Number of Visits 9) Tons { Gross 7368.51 Net 4539.9
 Master Bank Line Ltd. Built at Belfast. By whom built Workman, Clark (1928) Ltd When built 1934-4.
 Boilers made at Annan. By whom made Cochran & Co Annan Ltd. When made 1934.
 Owners Bank Line Ltd. Port belonging to Belfast.

VERTICAL DONKEY BOILER— No 12623 Description Cochran Manufacturers of steel Steel C of 8' and
 Made at Annan By whom made Cochran & Co Annan Ltd When made 1934 Where fixed Top of engine room Working pressure 100
 tested by hydraulic pressure to 200 Date of test 5-1-34 No. of Certificate 19317 Fire grate area - Description of safety valves 2-2" Cochran spring loaded.
 No. of safety valves 2 Area of each 3.1459" Pressure to which they are adjusted 100 lb/sq" If fitted with easing gear yes If steam from main boilers can enter the donkey boiler ✓ Diameter of donkey boiler 6'-9" Length 14'-9" Material of shell plates 8 Thickness 1/2" - 7/16"
 Range of tensile strength 28-32 Description of riveting long. seams I. R. L. Diameter of rivet holes 25/32" Whether punched or drilled drilled Pitch of rivets 2.551", 2.558", 2.553" Lap of plating 3 7/8" Per centage of strength of joint 70.3 Working pressure of shell by rules 116.8 Thickness of shell crown plates 32, 64 Radius of do. 2'-10 1/2" No. of stays to do. none Diameter of stays ✓ Diameter of furnace—Top hemispherical Bottom 5'-0" Length of furnace ✓ Thickness of furnace side plates 1/2" Description of joint none Working pressure of furnace by rules 137.6 Thickness of Ogee ring 45/64" Working pressure of Ogee ring by rules 104.2 Thickness of furnace crown plates 1/2" Radius of do. 2'-6" Stayed by hemispherical Diameter of uptake 13" x 19 1/2" Thickness of uptake plates 9/16" Thickness of tube plates front 3/4" back 5/8" Mean pitch of stay tubes in nest 11 1/4" Pitch in outer vertical rows 8"
 Diameter of tube holes FRONT 2 1/16" BACK 2 1/2" Working pressure of tube plates by rules F105.1 B. III Tubes: Material Iron
 External diameter stay 2 1/2" plain 2 1/16" Thickness stay 11/32" plain 11 W.C. No. of threads per inch 9 Pitch of tubes 4" x 3 1/2"
 Working pressure by rules 125 Manhole compensation: Size of opening in shell plate 16" x 12" Section of compensating ring 28" x 24" x 1/16" No. of rivets and diameter of rivet holes 36 - 25/32" Outer row pitch at ends 3 1/16"

FOR COCHRAN & CO., ANNAN, LTD.
 The foregoing is a correct description.

E. Rex
 GENERAL WORKS MANAGER.

Dates of Survey while building { During progress of work in shops— 1933 Nov. 3. 10. 17. 24 Dec. 1. 8. 12. 20
 During erection on board vessel— 1934 Jan. 5
 Total No. of visits 9 Drawing No. 19948
 Is the approved plan of boiler forwarded herewith yes

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) This boiler has been built under special survey in accordance with the approved plan, and the Society's Rules and requirements, the materials and workmanship are good.

The Boiler is to the order of Workman Clark's for their Yard N° 532.

12/1/34

for Aud. to sign
100 A.

Survey Fee ... £ 4 : 4 : 0 When applied for ... 19...
 Travelling Expenses (if any) £ : : When received ... 19...

MONTHLY ACCOUNT

Jas. Cairns
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute GLASGOW 16 JAN 1934
 Assigned TRANSMIT TO LONDON

FRL 18 MAY 1934

See Bel.
11296

Lloyd's Register Foundation

W179-0163