

# REPORT ON BOILERS.

Date of writing Report 14<sup>th</sup> Aug 1926 When handed in at Local Office 16-8-26 Port of Glasgow  
 No. in Survey held at Glasgow, Annan Date, First Survey 27<sup>th</sup> May Last Survey 13<sup>th</sup> Aug 1926  
 Reg. Book. on the Cochran Boiler No 10100 for Wm Doxford & Sons, M.S. "SILVERASH" (Number of Visits 8) Gross 5299 Tons Net 3091  
 Master Silver Line, Ltd Built at Liverpool By whom built J. K. Thompson When built 1926  
 Boilers made at Annan, Scotland By whom made Messrs Cochran & Co, Annan Ltd When made 1926  
 Owners Silver Line, Ltd Port belonging to London

**VERTICAL DONKEY BOILER**— No. One Description Cochran Type Manufacturers of steel D. Colville & Sons Ltd  
 Made at Annan By whom made Cochran & Co. When made 1926 Where fixed in main cabin Working pressure 120 lbs  
 tested by hydraulic pressure to 230 lbs Date of test 13/8/26 No. of Certificate 17165 Fire grate area 22.5 sq ft Description of safety valves D. Spring loaded  
 No. of safety valves Two Area of each 4.9 Pressure to which they are adjusted 125 lbs If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler Yes  
 Dia. of donkey boiler 6'-6" Length 16'-3" Material of shell plates Steel Thickness 1/32", 1/32", 1/32" Range of tensile strength 28/32 tons Descrip. of riveting long. seams D.R. Lap Dia. of rivet holes 29/32" Whether punched or drilled drilled Pitch of rivets 3.766", 3.823", 3.864"  
 Lap of plating 4 1/2" Per centage of strength of joint Rivets 71.5% Plates 64.2% Working pressure of shell by rules 124.5 lbs Thickness of shell crown plates 15/32" 15/16"  
 Radius of do. 3'-3" No. of Stays to do. None Dia. of stays None Diameter of furnace Top Hemisphere Bottom 5'-6" Length of furnace 8'-7 1/2"  
 Thickness of furnace plates 9/16" Description of joint Seamless & Ogee Ring Working pressure of furnace by rules 141 lbs Thickness of furnace crown plates 9/16" Radius of do. 2'-9" Stayed by Hemisphere Diameter of uptake 15"x23" Thickness of uptake plates 9/16"  
 Thickness of water tube plates Front 3 1/32" Back 7/8"  
 The foregoing is a correct description,  
 For COCHRAN & CO., ANNAN, LIMITED  
 J. K. Wordham Manufacturer.

Dates of Survey while building  
 During progress of work in shops - 1926 May 27 June 2-25-30 July 8-16  
 During erection on board vessel - Aug 6-13  
 Total No. of visits 8

Drawing No 15108

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 survey in accordance with the Rules and approved plan. Materials and workmanship good. This boiler has been satisfactorily fitted in the vessel & the safety valves adjusted under steam to the pressure stated above. For notation see machinery report. This boiler is fitted for burning oil fuel F.P above 150°F & Section 35 of the Rules fully complied with.

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

MONTHLY ACCOUNT

Committee's Minute GLASGOW 17 AUG 1926

Assigned TRANSMIT TO LONDON

Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

TUES. 3 OCT 1926

TUES. 15 NOV 1926

W.M. see minute on

Sta 7. E. Rpt 29312

Lloyd's Register Foundation