

## REPORT ON BOILERS.

No. 39908  
WED. MAY 5 1920

Received at London Office

Date of writing Report 26 April 1920 When handed in at Local Office 26.4.20 Port of Glasgow

No. in Survey held at Glasgow Date, First Survey 6.4.20 Last Survey 26 April 1920

Reg. Book. on the Manufacturing Air Reservoirs No. 10655 - "Dorsetshire" Tons { Gross 7445  
Net 4545

Master H. C. Stanley Built at Belfast By whom built Harland & Wolff No. 10578 When built 1920

Engines made at Glasgow By whom made Harland & Wolff When made 1920

Boilers made at Glasgow By whom made Forth Shipbuilding Co No. 10655 When made 1920

Registered Horse Power 1100 Owners Libby Bros Port belonging to Liverpool

**MANOEUVRING AIR RESERVOIRS** **MULTITUBULAR BOILERS MAIN, AUXILIARY OR DONKEY.** — Manufacturers of Steel Steel Co of Scotland

Letter for record S Total Heating Surface of Boilers 356 Is forced draft fitted ✓ No. and Description of Three Reservoirs

No. of Certificates 15241 Can each boiler be worked separately ✓ Area of fire grate in each boiler ✓ No. and Description of 15243

15248 safety valves to each boiler Reservoirs Lys - Direct Springs each valve 7'06" sq Pressure to which they are adjusted 356 lbs

Are they fitted with easing gear No In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler ✓

Smallest distance between boilers or uptakes and bunkers or woodwork ✓ Mean dia. of boilers 6'-0 3/8 Length 20'-11 7/8

Material of shell plates S Thickness 1 3/32 Range of tensile strength 28/32 Are the shell plates welded or flanged No

Descrip. of riveting: cir. seams Lap & R. long. seams Butts Top Riv Diameter of rivet holes in long. seams 1 3/16 Pitch of rivets 8 3/16

width of butt straps 17 1/2 Per centages of strength of longitudinal joint 91.9 Working pressure of shell by 85.5

rules 398 Size of manhole in End 16" x 12" Size of compensating ring End Flanged in No. and Description of Furnaces in each

boiler — Material — Outside diameter — Length of plain part — Thickness of plates — crown ✓ bottom ✓

Description of longitudinal joint — No. of strengthening rings — Working pressure of furnace by the rules — Combustion chamber

plates: Material — Thickness: Sides — Back — Top — Bottom — Pitch of stays to ditto: Sides — Back —

Top — If stays are fitted with nuts or riveted heads — Working pressure by rules — Material of stays — Diameter at

smallest part — Area supported by each stay — Working pressure by rules — End plates in steam space: Material S Thickness 1 1/2

Pitch of stays none How are stays secured 4'-0" Rod Working pressure by Rules 356 Material of stays — Diameter at smallest part —

Area supported by each stay — Working pressure by rules — Material of Front plates at bottom — Thickness — Material of

Lower back plate — Thickness — Greatest pitch of stays — Working pressure of plate by rules — Diameter of tubes —

Pitch of tubes — Material of tube plates — Thickness: Front — Back — Mean pitch of stays — Pitch across wide

water spaces — Working pressures by rules — Girders to Chamber tops: Material — Depth and thickness of

girder at centre — Length as per rule — Distance apart — Number and pitch of Stays in each —

Working pressure by rules — Superheater or Steam chest: how connected to boiler — Can the superheater be shut off and the boiler worked

separately — Diameter — Length — Thickness of shell plates — Material — Description of longitudinal joint — Diam. of rivet

holes — Pitch of rivets — Working pressure of shell by rules — Diameter of flue — Material of flue plates — Thickness —

If stiffened with rings — Distance between rings — Working pressure by rules — End plates: Thickness — How stayed —

Working pressure of end plates — Area of safety valves to superheater — Are they fitted with easing gear —

The foregoing is a correct description,

Manufacturer.

Is the approved plan of boiler forwarded herewith ✓Total No. of visits 6

Dates of Survey { During progress of 1920 2/2 6.14.17.20.22.26  
while work in shops - - -  
building { During erection on  
board vessel - - -

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

The Reservoirs have been built under special survey  
The workmanship and materials are good  
These Reservoirs have been satisfactorily fitted on board  
and their safety valves adjusted to the above noted pressure

Survey Fee ... £ 6 : 6 : When applied for, H. 5 1920  
Travelling Expenses (if any) £ : : When received, 9-1- 1920

Paul M. Hegor  
Engineer Surveyor

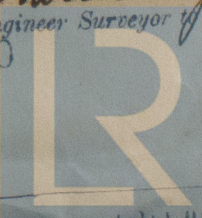
Lloyd's Register of Shipping.

TUE. SEP. 7 1920

Committee's Minute GLASGOW 4 - MAY 1920

Assigned

TRANSMIT TO LONDON

Lloyd's Register  
Foundation

W1647-0207