

REPORT ON BOILERS.

No. 28433.

11 NOV 1918

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Received at London Office WED. 11 DEC. 1918

Date of writing Report

When handed in at Local Office

Port of

No. in Reg. Book.

Survey held at Ellesmere Port.

Date, First Survey Nov 6th

Last Survey Nov 7th 1918

(Number of Visits 2)

Gross 205

Net 205

on the Room Defence Vessel BD20.

Boilers made at

Built at Ellesmere Port.

By whom built

The Manchester Dry Dock Co. Ltd. When built 1918.

Boilers made at

Annan.

By whom made

Cochran & Co. Annan Ltd.

When made

1918.

Boilers made at

Admiralty.

Port belonging to

VERTICAL DONKEY BOILERS

No. 2747

Description Cochran.

Manufacturers of steel

Made at

Annan

By whom made

Cochran & Co.

When made

1918

Where fixed

Stockholm

Working pressure 150 lbs.

Tested by hydraulic pressure to

300

Date of test

6.3.18

No. of Certificate

14143

Fire grate area

22.54

Description of safety valves

Spring loaded

No. of safety valves

2

Area of each

4.91

Pressure to which they are adjusted

150 lbs.

If fitted with easing gear

yes

If steam from main boilers can enter the donkey boiler

Length

Descrip. of riveting long. seams

Dia. of rivet holes

Whether punched or drilled

Pitch of rivets

Cap of plating

Per centage of strength of joint

Rivets

Working pressure of shell by rules

Thickness of shell crown plates

Radius of do.

No. of Stays to do.

Dia. of stays

Diameter of furnace Top

Bottom

Length of furnace

Thickness of furnace plates

Description of joint

Working pressure of furnace by rules

Thickness of furnace crown plates

Thickness of water tubes

Radius of do.

Stayed by

Diameter of uptake

Thickness of uptake plates

The foregoing is a correct description,

Manufacturer.

Dates

- During progress of work in shops - -
- During erection on board vessel - - -
- Total No. of visits

Is the approved plan of boiler forwarded herewith no.

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

Two Cochran Boilers - Glasgow Reports nos. 37560 + 37561 - Complete with safety valves, easing gear & mountings, and two four cylinder winches - Serial nos 29 & 30 see Newcastle Reports of August 6th 1918. also Condensing plant, feed pump, general service pump, main feed and reserve feed tanks, pipes & connections securely fitted on board and tested under working conditions with satisfactory results, all joints being tight. The safety valves of Donkey Boilers were adjusted to 150 lbs.

These Boilers are eligible to be classed with record of 2 DB, 150 lbs. H N D B. 11.18.

It is submitted that this vessel is eligible for THE RECORD. +2DB 11.18.

150 lbs.

JWD
12/12/18

Survey Fee £ : } When applied for, 19

Travelling Expenses (if any) £ : } When received, 19

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

Committee's Minute LIVERPOOL 10 DEC 1918

Assigned NDB 18 + 2 DB. 11.18.



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