

20811

## Report of Survey for Repairs of Engines and Boilers.

No. 70

Reg. Book.

Survey held at

South Shields

Date, first Survey

2<sup>nd</sup> and

Last Survey

8<sup>th</sup> April

1878.

555 on the

S. S. 'Dunlop'

Master

Mr. Robson

Tons

700  
8/8

Owners

C. Hutchinson &amp; Co. Ltd.

Port belonging to

Sunderland

Classed

Years assigned.

Character in Register Book.

80 A1

6.77

YEAR.

Diameter of Cylinder

25 x 48"

Length of Stroke

36"

Engines made at

Sawm on Tyne

When made

Pressure of Steam

70 lbs per sq. inch

By whom made

Messrs Palmers Coy Limited

Registered Horse Power

94

## Particulars of Repairs and Examination

The machinery of this vessel has been examined in accordance with Special Survey No. 1. The engines have been repaired when necessary. Crank shaft bearings, main shaft, examined & found in good order, arrangements of sea cocks and suction pipes examined and suction lock to Ballast pump altered to prevent sea water being run into Engine Room compartment through accident or neglect.

Main Boilers examined and found in fair order and condition, several slight leaks observed in Boiler bottoms which have been caulked <sup>where accessible</sup> and cemented inside with Portland Cement. Which Boilers examined and found in good order. Safety valves of Main Boilers were found loaded to 75 lbs per sq. inch, have been reduced to 70 lbs on account of age of Boilers & leaks in bottoms. Safety Valve of Which Boiler examined and loaded to a working pressure of 50 lbs per sq. inch, a wrought iron casing has been fitted over this valve to prevent same from being overloaded through accident or neglect, cast iron discharge pipes in coal Bunkers examined and found in fair condition.

This vessel was in dry dock. Propeller was found loose on shaft, has been refitted on cone with new fore & aft key, all locks and valves on ships bottom examined and put in good working order.

The machinery of this vessel is in fair order & fair working condition is not recommended as eligible for the notification Lloyd's M.C. in Red, the Bilge & Ballast pump discharge pipes being cast iron when passing through Bunkers & having no shut off valve on ships stem the same being below the water load line, arrangements of sea cocks on ships bottom not being in accordance with Section 39 of the Society's Rules, the Boilers with usual repair sufficient for about 3 years.

The Amount of Fee ... £ 3 : 3 : , received by me,

Certificate (if required) ... £ - : - : - 1 May 1878

(Travelling Expenses, if any, £ 0.5.0)

Committee's Minute

18

Engineer Surveyor to Lloyd's Register of British &amp; Foreign Shipping.

North Shields 2019

Lloyd's Register

Foundation

IRON477-0457

The Surveyors are requested not to write on or below the space for Committee's Minute.



The making of this record has been examined  
at Special Survey No 1 submitted that she  
is eligible to remain as claimed

MP 3.5.78



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