

Report of Survey for Repairs, &c., of Engines and Boilers.

(Received at London Office)

Date of writing Report 10th April 1896 When handed in at Local Office 11th April 1896 Port of LONDON

No. in Reg. Book 465 Survey held at LONDON Date, First Survey 11th March Last Survey 7th April 1896

on the Machinery of the Wood, Iron or Steel S.S. Blue Bell Master J. Life

Tonnage { Gross 562 Net 344 Vessel built at Glasgow By whom D. J. Dunlop & Co When 1892 YEAR. MONTH. 5

Registered Horse Power 96 Engines made at " When 92 Boilers, when made (Main) 92 (Donkey) 92

No. of Main Boilers 1 Owners Mr. J. M. Stakley Port LONDON Voyage Antwerp

No. of Donkey Boilers 1 If Surveyed Afloat or in Dry Dock Afloat in Comm. Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Steam Pressure in Main Boilers 160 lb in Donkey Boilers 80 lb

Last Survey No. _____ Port _____

Particulars of Examination and Repairs (if any) Damage 100 Ft. 4.95 + L.M.C. 5.92

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes.

Do. " Donkey " " " yes.

If this was not done, state for what reasons? _____

And what parts of the Boilers could not be thus thoroughly examined? _____

Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? _____

Did the Surveyor examine the Safety Valves of the Main Boiler? yes.

At what pressure were they afterwards adjusted under steam? 160 lb

Did the Surveyor examine the Safety Valves of Donkey Boiler? yes.

To what pressure were they afterwards adjusted? 75 lb

Has the propeller shaft been drawn and examined at this time? yes.

If the Survey is not complete state what arrangements have been made for its completion? Survey complete!

Now done for S.S. Blue Bell - Cylinders Pistons and Slide Valves examined. The HP and IP Cylinders taken to shop, a new Liner 14 3/4 dia. was fitted to former and a new Slide Face fitted to latter. The main Steam Pipe tested to 32 lbs per square inch. Main Boiler examined. A new Mid Furnace Crown fitted, after repairs this Boiler tested to its working pressure by water test. Donkey Boiler examined. Same found to be generally in satisfactory condition. Now done in account of damage (see copy of report attached) in All Pumps and the Condensers examined. The Tail Shaft drawn in and with crank Thrusts. Inboard Shafts examined. Propeller, Sea Connections Stern-bush Pumping Connections & water tight doors & Sluices examined. The following repairs now done for damage: - new wood fitted in Stern-bush new Metal in Thrust Rings, Condenser cleaned and tubs re-packed. Holding down bolts & water service connections overhauled.

General Observations, Opinion, and Recommendation: -

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 4, 94, B.M.S. 4, 94 or L.M.C. 4, 94, 14, 94, F.D., &c.)

The machinery of this vessel is in good order and in my opinion repairs remain as classed with fresh record of L.M.C.

Office or Registration Fee (per Sec. 27).....	£ : :	Fees applied for	15. 4. 96
Survey Fee (per Section 28).....	£ 3 : 10 :	Received by me,	<u>J. Attie</u>
Special Damage Fee (per Section 28).....	£ 2 : 2 :	2/14 1896	
Travelling Expenses (if chargeable).....	£ 5 : 12 :		
	£ 10 : 11 :		
	5. 1		

*State if Certificate is required _____

Committee's Minute FRI. APL 17 1896

Assigned + L.M.C. 4.96

State if a Report is also now sent on the Ship or if not whether, and when, one will be sent.

Insert Character of Ship and Machinery precisely as in the Register Book.

