

Report of Survey for Repairs, &c., of Engines and Boilers. No. 81744

Received at London Office SAT. JAN. 15 1921  
 Date of writing Report 10 JAN 1921 When handed in at Local Office  
 Port of LIVERPOOL  
 Survey held at Ellesmere Port.  
 Date, First Survey Dec 1<sup>st</sup> Last Survey Dec 22<sup>nd</sup> 1920  
 on the Machinery of the Wood, Iron or Steel S. S. Delia.  
 Master (No. of Visits 6)  
 Gross 1225 Vessel built at Lübeck  
 Net 700 Engines made at Hamburg  
 By whom Schiffw. V. Henry Koch. When 1914  
 By whom Ottener & Maschinenfabrik. When 1914  
 (Donkey) —  
 Owners J. Currier & Co. Port London. Voyage  
 If Surveyed Afloat or in Dry Dock Ellesmere Port. Tontoon.  
 (State name of Dock.)

Particulars of Examination and Repairs (if any) Classification

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Year Assigned expired.	Machinery and Boiler Surveys (including date of N.B., if any).

Periodical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature 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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials and initials of any letters respecting this case.

damage cases where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined?  Was a damage report made by anyone else? If so, by whom?

the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time?  yes.  none.

Do. " Donkey " " " " "  none.

What parts of the Boilers could not be thus thoroughly examined?

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?

the Surveyor examine the Safety Valves of the Main Boiler?  yes. To what pressure were they afterwards adjusted under steam? 200 lbs.

the Surveyor examine the Safety Valves of Donkey Boiler?  To what pressure were they afterwards adjusted under steam?

the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers?  yes. , and of the Donkey Boiler?

the Surveyor examine the drain plugs of the Main Boilers?  none. , and of the Donkey Boiler?

the Surveyor examine all the mountings of the Main Boilers?  yes. , and of the Donkey Boiler?

screw shaft now been drawn and examined?  yes. Is it fitted with continuous liner?  yes. or two liners?  or is it without liners?

shaft now been changed?  no If so, state reasons

the shaft now fitted new?  Has it a continuous liner?  or two liners?  or is it without liners?

the distance between lignum vitae of stern bush and top of after bearing of screw shaft?

the Survey is not complete state what arrangements have been made for its completion and what remains to be done?  Complete.

Survey for Classification. - See 1<sup>st</sup> Entry Rpt. herewith.  
 In drydock. - Examined propeller - two blade tips are broken but efficient, stern tube, fastenings of sea connections, sea cocks & valves, discharge valves, and tailshaft drawn in.  
 Examined engines opened up throughout, cylinders, pistons, valves + faces, pumps & valves, condensers, bilge connections, crank, thrust & trunnel shafting & all fastenings found or put in good working order.  
 Windlass & steering engines examined.  
 Main steam pipes (iron or steel) examined, tested by hyd. pressure to 600 lbs & refitted.  
 Two Main Boilers examined throughout with all safety valves + mountings + tested by hyd. pressure to 300 lbs & found to be sound + tight & in good condition, the safety valves were adjusted under steam to 200 lbs.  
 - see on -

General Observations, Opinion, and Recommendation: - This vessel's machinery is in good working order & eligible for classification with records of 12/13.20, 12/13.20.

Fees (per Section 28) £ 2  
 Damage or Repair Fee (if any) (per Section 28.) £ 75  
 Printing Expenses (if chargeable) £ 1.16.-  
 Fees applied for North to Liverpool 17/1/21  
 Received by me, 22-1-21

A. J. Bassett  
 Engineer-Surveyor to Lloyd's Register of Shipping.

LIVERPOOL 14 JAN 1921  
 L M C 12.20  
 J. S.

FRI. 30 JUN. 1922  
 TUES. 15 DEC 1925  
 TUES. 16 MAR 1926  
 FRI. 18 JUN 1926

Lloyd's Register Foundation

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

Is a Certificate required? If so, to be sent to

W404-0158 (112)

S.S. "Delia"

Repairs etc now done. -

Forward pump lever link pin refitted. feed pump arms skimmed + rebushed.

Dky. pumps overhauled.

Intermediate stop valve plugged where porous.

3" special bilge suction connection fitted to Ballast Dky. Pump.

Water gauge cocks fitted to shell of main Boilers.

A little caulking made good at furnace mouth & saddles.

Bottom manhole doors refitted with new spigot rings.

A. J. Bassett,

RETAIN

W404-0158 (2/2)



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