

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

(Received at London Office)

Date of writing Report 21 Nov 40 When handed in at Local Office 21 Nov 40 Port of Philadelphia

No. in Reg. Book 76614 Survey held at Leicester Pa Date, First Survey 9 Last Survey 1 Nov 1940  
(No. of Visits 1)

Tonnage Gross 7070 Net 4460 Vessel built at Alameda Cal By whom Bethlehem SB Corp Year. Month. 1918 1  
Engines made at Trenton NJ By whom De Laval Steam Turbine When 4. 21  
Nominal Horse Power 672 Boilers, when made (Main) 1918-1 (Donkey)  
No. of Main Boilers 3wt Owners Atlantic Refining Co Managers Atlantic Refining Co Owners' Address Philadelphia Port Philadelphia Voyage  
No. of Donkey Boilers 250 Steam Pressure in Main Boilers 250 in Donkey Boilers 250 # Surveyed Afloat or in Dry Dock Em PB 7 DD Co (State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. X for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 A 1. 3.40		+NE 4 21
SS N 16 No 3. 11. 30		+LMC 9. 38
SS PL 2 No 2. 38		BS 5 29 3.40
		TS 3.40

*Carrying Petroleum in bulk  
Hull for oil fuel. 18 FP above 150°F*

Last Report No. \_\_\_\_\_ Port \_\_\_\_\_  
Particulars of Examination and Repairs (if any) Fastenings

(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.)

In 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?

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

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

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?

State latest date of internal examination of each boiler

Present condition of funnel(s) good

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

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

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? , and of the Donkey Boilers?

Did the Surveyor examine the drain plugs of the Main Boilers? , and of the Donkey Boilers?

Did the Surveyor examine all the mountings of the Main Boilers? , and of the Donkey Boilers?

Has screw shaft now been drawn and examined? No Is it fitted with continuous liner? - Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? No

Has shaft now been changed? If so, state reasons

Has the shaft now fitted been previously used? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State date of examination of Screw Shaft State the distance between lignum vite or bearing metal of stern bush and top of after bearing of screw shaft 5/32

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and power fitted Yes

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done complete

Now done  
Vessel placed on dry dock examined the propeller sea valves & cocks fastenings of the stem bush & of the sea connections found same satisfactory

General Observations, Opinion, and Recommendation: The machinery of this vessel is eligible in my opinion to remain as classed, without fresh record of survey.

Survey Fee (per Section 29) \$ 10.00  
Special Damage or Repair Fee (if any) £  
Travelling expenses (if chargeable) £ 1.00

Fees applied for 4 Nov 40  
Received by per R.R.  
19 Nov 40

Committee's Minute NEW YORK DEC 1 1940  
Assigned As now

W.D. Pankam  
Engineer Surveyor to Lloyd's Register of Shipping.  
Lloyd's Register Foundation

10m.11.30.—Transfer Ink. (MADE AND PRINTED IN ENGLAND)  
The Surveyors are requested not to write on or below the space for Committee's Minute.

Is a Certificate required? No, to be sent to

Notes  
Yuu  
11.2.11

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