

# REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office 12 JAN 1949)

Date of writing Report 13th October 1948 When handed in at Local Office 19..... Port of Aruba, N.W.I.

No. in Survey held at Aruba, N.W.I. Date. First Survey 11th October Last Survey 16th October 1948 (No. of Visits 3)

6303 on the Machinery of the Wood, Iron or Steel S.S. "LIVINGSTON ROE"

Year. Month.

Gross 8002 Vessel built at Vancouver, Wash. By whom G.M. Standifer Const. Corp. When 1921 2

Net 5058 Engines made at Hoover, Owens, Rentachler Co. By whom Hamilton, O. When 1921 2

Nominal Horse Power 552 MW Boilers, when made (Main) 1921 (Donkey)

No. of Main Boilers 3 Owners Panama Transport Company. Owners' Address (if not already recorded in Appendix to Register Book.)

No. of Donkey Boilers 1 Managers Panama Port Panama Voyage

Team Pressure in Main Boilers 220 lbs. If Surveyed Afloat or in Dry Dock Afloat (State name of Dock.) San Nicolaas Harbour

in Donkey Boilers

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

CHARACTER. * for Special Survey. Date of last Survey and of Periodical Surveys.	Years assigned not expired.	Machinery and Boiler Surveys (including date of N.B., if any)
*100A1 2, 18		*LMC. 5, 12
Examined 2, 18		B.S. 2, 18
SS. N.Y. k No. 3-2, 33		C.L. 1, 18
SS. Gal. No. 2-13		
For service in Gulf of Mexico and Caribbean Sea. Carrying Homogeneous cargo of Petroleum in bulk. Fitted for oil fuel 2, 21 F. above 150° P.		

D. B. not to be used

Last Report No. Port

## Particulars of Examination and Repairs (if any)

Periodical Surveys, when held, must be reported in detail and serially 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?

Donkey " " " "

If not, state for what reasons. 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?

State latest date of internal examination of each boiler. Present condition of funnel(s)

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

Did the Surveyor examine the Safety Valves of the Donkey Boilers? 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 the screw shaft now been drawn and examined? Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

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 oil retaining appliance fitted at the after end? State date of examination of Screw Shaft. State the wear down in the stern bush

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

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

Vessel afloat in San Nicolaas Harbour, Aruba, N.W.I.

Requested to examine main engine attached air pump "Edwards" due to decreased vacuum under working conditions.

Now Done:

Air pump valve plate examined and seats found to be badly worn, air pump piston found to be satisfactory.

Valve seats on plate machined examined and new kinghorn valves fitted, examined on completion and found satisfactory.

## 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, BS 9,11, B&MS 9,11 \*LMC 9,11 or \*LMC 140 lb., FD, &c.) CS 2,34.

The machinery of this vessel so far as now seen is in safe order and condition eligible in my opinion to be continued as classed without fresh record of survey.

Survey Fee (per Section 29) £ : : Fees applied for 22. 10. 19 18

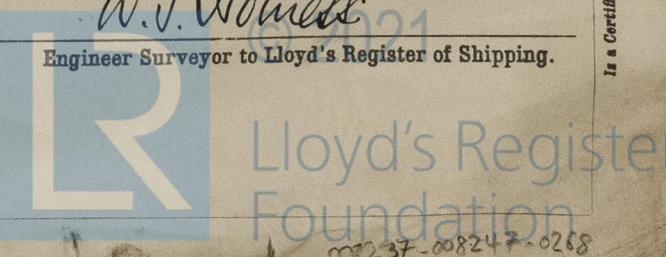
Special Damage or Repair Fee (if any) (per Section 29.) £ 1. 70. 00 Received by me, 19

Travelling expenses (if chargeable) £ 4. 50

FEB 8 1949

Committee's Minute Assigned As now subject

W. J. Thomas Engineer Surveyor to Lloyd's Register of Shipping.



00237-008247-0258

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

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

DEPARTMENT OF SURVEY FOR THE U.S. COAST AND GEODETIC SURVEY

Notes

Subject to study. Gales not to be used.  
Steam control valve. Closing of windows to be prevented  
at earliest opportunity.  
M.S. party held: not advanced at this time.

By W. Bennett, instrument.

G.F. papers and 2, 49.

WBS

3.2.49.



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