

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

29 NOV 1928

(Received at London Office)

Date of writing Report 27.11.1928 When handed in at Local Office 19 Port of Rotterdam
 No. in Survey held at Rotterdam Date, First Survey 27 Oct Last Survey 19 Nov 1928
 of Book. (No. of Visits 12)
4452 on the Machinery of the Wood, Iron or Steel & 1/2" LIEDRECHT.
 Tonnage { Gross 4647 Vessel built at Rot. By whom Rot. Dr. dok Hkj. When 1924
 Net 2642 Engines made at Gls. By whom Harlands Woff. Ind. When 1924
 Nominal Horse Power 409 Boilers, when made (Main) (Donkey) 1924
 No. of Main Boilers 1 Owners Strom Hkj "Dechlas" Owners' Address Rotterdam
 (if not already recorded in Appendix to Register Book)
 No. of Donkey Boilers 2 Managers Ph. v. Amberens Sch. Bedrijf Port Rot. Voyage New Orleans
 Steam Pressure in Main Boilers 120 lb If Surveyed Afloat or in Dry Dock P. H. Dock
 in Donkey Boilers 120 lb Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) +LMC
 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?

CHARACTER for Special Survey, Date of last Survey and of Periodical Surveys.	Years Assigned to the vessel.	Machinery and Boiler Surveys (including date of N.B., if any)
<u>+100 A 1-2, 20.</u>		<u>+LMC-9, 24.</u>
<u>Carrying 900 tons in bulk.</u>		<u>+LMC, 10/10, 26.</u>
<u>Old Eng</u>		<u>TS new 428.</u>

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? Yes
 Do. " Donkey Yes " " " " Yes
 If this was not done, state for what reasons? _____
 And what parts of the Boilers could not be thus thoroughly examined? All parts 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? None To what pressure were they afterwards adjusted under steam? _____
 Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes To what pressure were they afterwards adjusted under steam? 120 lbs (to 10/12/28)
 Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes and of the Donkey Boiler? Yes
 Did the Surveyor examine the drain plugs of the Main Boilers? Yes and of the Donkey Boiler? None
 Did the Surveyor examine all the mountings of the Main Boilers? Yes and of the Donkey Boiler? Yes
 Has screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes
 Has shaft now been changed? No If so, state reasons _____
 Has the shaft now fitted been previously used? Yes Has it a continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes
 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? 3/32"

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done? Complete.
Vessel placed on pontoon, screw shaft drawn, examined and found in order. Propeller, stem tube and fastenings good.
Sea cocks and valves opened up, examined and found in order.
Crank, thrust and intermediate shafting examined and found in order.
Cylinders, pistons, covers, piston rods examined and found in order, All cylinder liners renewed and 2 cylinder covers renewed.
All valves and gear and camshafts examined and found in order.
Compressors opened out, examined and found in order.
Connecting rods, crossheads and all brass examined and P.T.O.

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. 9,11, B.&H.S. 9,11, or L.M.C. 9,11, 140 lb., F.D., &c.)
The machinery being now in order, we are of opinion that this vessel is eligible to remain as classed with fresh record of +LMC 11-28 and notation of TS 11-28. New made heat boiler fitted 11-28 WP 142 lbs.

Survey Fee (per Section 28) 200.00 Fees applied for 29/11.1928
 Special Damage or Repair Fee (if any) (per Section 28.) _____
 Travelling Expenses (if chargeable) 11.00 Received by me, 6.12.1928
 Committee's Minute TUE 18 DEC 1928
 Assigned + LMC 11.28
501 11.28 2 CERTIFICATES WRITTEN

J. J. C. Choo
 Engineer Surveyor to Lloyd's Register of Shipping.



THE SURVEYORS ARE REQUIRED TO SIGN THESE REPORTS IN THE REGISTER BOOK. If Stockists, State Mechanical Tests

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

N.B.—If this Report is copied by copying Press, special care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

Ad. No. 1 due 9. 28 held.
As additional Donkey Boiler fitted.
Cylinder liners renewed on account
of wear.

It is submitted that
this vessel is eligible for
THE RECORD. Fd. M.C. 11. 28
D.P.S. 11. 28

S 11. 28.
200/20 lb
IND 28 142 lb
J.S.A.
13/11/28
Boiler room
Donkey room
157

found several bottom crosshead trapes white metal cracked, all top ^{half} trapes now fitted at bottom and bottom halves at top.

Exhaust gas pipe line now removed and replaced by a new water cooled one

New air compressor and all auxiliary machinery opened out, examined and found in order. Flacking and inblast air valve opened out, examined and found in order.

Daily service tanks and lubricating and fuel pipe lines examined and found in order

Arrangement of cocks, pipes, bilge sections, valves etc examined and found in order.

Examined the Donkey boilers internally and externally, their mountings and safety valves and found same in order

A new waste heat boiler (Gumby report No. 15919) has now been fitted at aft end of Engine room top.

Safety valves adjusted to 142 lbs. thickness of washer 9 x 11 metal. New steam pipes tested as required by the Rules and found sound and tight

J. J. Dehua

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

