

No. 12373

PORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office 6 JAN 1948)

of writing Report 31st Dec 47 When handed in at Local Office 31st Dec 47 Port of Copenhagen

Survey held at Copenhagen Date, First Survey 14.11 Last Survey 20.12 1947 (No. of Visits 6)

on the Machinery of the Wood, Iron or Steel Se. CLARA

Gross 1398 Vessel built at Kiel By whom Howaldtswerke When 1925

Net 798 Engines made at Kiel By whom Howaldtswerke When 1925

Original Power 159 Boilers, when made (Main) 1925 (Donkey) -

Main Boilers Owners S O S MYREN Owners' Address -

Donkey Boilers Managers Holm of Worsild Port Copenhagen Voyage -

Main Boilers Pressure 185 lb If Surveyed Afloat or in Dry Dock Boilers (State name of Dock.) B W Raphaela + Halsbranderhavn

Donkey Boilers Pressure 185 lb

Report No. Port

Particulars of Examination and Repairs (if any)

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 now expired. Machinery and Boiler Surveys (including date of N.B., if any)

(Lobster fishing) (Cannery plant)

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? -

Latest date of internal examination of each boiler 2/12-47 Present condition of funnel(s) good

Surveyor examine the Safety Valves of the Main Boilers? yes To what pressure were they afterwards adjusted under steam? 185 lb/10"

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

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

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

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

Screw shaft now been drawn and examined? yes Has it a continuous liner? yes Is an approved oil retaining appliance fitted at the after end? -

Shaft now been changed? no If so, state reasons - Has the shaft now fitted been previously used? - Has it a continuous liner? -

Approved oil retaining appliance fitted at the after end? - State date of examination of Screw Shaft 14/11-47 State the wear down in the bush rounded Is electric light and/or power fitted? yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? yes

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

Engine parts, when referred to by numbers, should be counted from forward to aft. If survey is not complete, state what arrangements have been made for its completion and what remains to be done. Complete.

DAMAGE.

Damage stated due to: 1) Grounding on the 27/4/46 on the voyage to Arvitz -

2) Navigation in ice on the 8/2-47 on the voyage from the same. Evidence done: 1) The sea connections opened up, overhauled & examined - found good. 2) The propeller shaft drawn in examination - found good with stem tube. The liquor viler in the under part of the aftmost stem which was stern renewed. The best - shaped block of the main propeller found & repaired by E.W. examined - found good.

When Ten Repairs.

The worn out upper brass of the HP bottom end removed & replaced. The centerline of the crank shaft adjusted. The steam engine for the electric generator completely overhauled. The generator completely renewed. A number of defective electric cables repaired or renewed. Sundry minor repairs.

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.)

Recommend the vessel's machinery to have notation in the Register Book of LMC-1247 and last survey 11.47 when the classification of the hull has been completed.

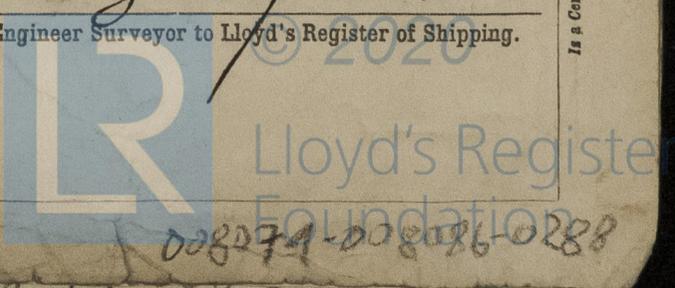
Fee (per Section 29) £ 1000.00 Fees applied for 571 1948 Received by me, J. Langhorne, Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 23 APR 1948

Signature PS 1247

51147CL

Insert Character of Ship and Machinery precisely as in the Register Book. Is a Certificate required? If so, to be sent to



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and trial repairs effected.

Special Periodical Survey.

Propeller, stem bushes, sea connections, screw shaft, cylinders, pistons
slide valves, crank, crank & intermediate shafts, pumps, and
and pump pump arrangements examined
Steam pipes and electric installations tested as per Rules
Boilers & super heaters examined throughout.
All now in good condition.

Machinery tested under working conditions & the safety valves on
the boilers adjusted under steam to 185 lbs/sq

In view of the vessels forthcoming classification the condition
of the machinery, boiler and electric installations have been checked
as per Reports 4-5a and 13 forwarded herewith.

J. L. J.



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