

No. 35369⁶

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

(Received at London Office)

13 OCT 1952

of writing Report. 18.9.1952 When handed in at Local Office 19. Port of Rotterdam

Survey held at Rotterdam Date. First Survey 20.5.52 Last Survey 25.9.1952 (No. of Visits 25)

on the Machinery of the Wood, Iron or Steel Steam Trawler "MERKURY"

Gross 352 Vessel built at Beverley By whom Cook, W. & J. Gemmell Rd. When 1926 ✓
Net 147 Engines made at Hull By whom J. J. Holmes 80 Rd. When 1926Boilers, when made (Main) (Donkey)
Owners. Polish Government Owners' Address (if not already recorded in Appendix to Register Book.)Managers, Talmar "Friedrichstadt Flours" Port Gdynia Voyage ✓
If Surveyed Afloat or in Dry Dock (State name of Dock.) In City dock, afloat.

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

+ Steam Trawler Gdyn 4.50 SS ANT - 4,46

Report No. Port

Particulars of Examination and Repairs (if any) Re-classification - T.S.

At Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides stated in the body of the report, should be briefly summarised at the end of the report. State also the dates and of any letters respecting this case.

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.

Damage report made by anyone else? If so, by whom?

Surveyor personally go inside each Main Boiler separately and make a through examination at this time? Yes

Donkey " " " "

State for what reasons. What parts of the Boilers could not be thus thoroughly examined? All parts examined.

Special means, in the absence of internal examination, were adopted by the or to assure himself of the thorough efficiency of those parts of each Boiler? 13.6.52

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? 200 lbs

Surveyor examine the Safety Valves of the Donkey Boilers? Yes 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? Yes 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? No.

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

Approved oil retaining appliance fitted at the after end? Yes State date of examination of Screw Shaft 7.7.52 State the wear down in the bush 1.0 mm/m 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

Parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

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

Vessel placed in drydock, screwshaft drawn. Found top of cone rust pitted. Cone

joined up to 202 mm at top, shaft re-examined and found good. New 4 bladed cast

iron propeller fitted. Sternbush, sea connections, their fastenings end, found good.

Main engine removed to shop for general overhaul & afterwards refitted. Chocks & holding-

bolts renewed, alignment of shafting checked, found good. Main engine cylinders,

stones, rods, slide valves & valve motion gear end. Crank & thrustshaft end. Attached

pumps, main circulating pump, engine and general service pump end. Condenser end

tested. Valves, cocks, pipes, & strainers of the pumping arrangements end.

Main boiler end internally & externally together with manholes & doors and

mountings and safety valves adjusted under steam to the above stated pressure.

Main & auxiliary steam pipes removed, end internally & hydraulically tested.

Electric equipment end, tested as required by the Rules.

Machinery tried under working conditions & found in good working & manoeuvring order.

General Observations, Opinion, and Recommendation:— Please see continuation sheet.

(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 3.34

The machinery of this vessel is in good condition and eligible in our opinion to be re-classed with fresh record of *LMC 9.52 and screwshaft seen 1.52 C.L.

Fee (per Section 23) 1 LMC 15. Cal. # 260.-

Repair Fee (if any) 1150.- (per Section 23.)

Other expenses (if chargeable) 1100.52

Committee's Minute

Signed

Fees applied for 3/10 19.52

Received by me, J. J. Holmes

J. J. Holmes

TUES. 28 OCT 1952

+LMC 8.52

5 7.52

CERTIFICATE WRITTEN.

J. J. Holmes

Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register

Foundation

010004 - 010011 - 010274

Owners address.

Two certificates required? If so, to be sent to

Steam Trawler "Mercury".

Repairs due to wear & tear: Main engine crankshaft renewed (journals & crankpins loose). Main bearings & bottom ends retapped. Collar faces of thrust shaft skimmed up, horse shoes retapped. 4 longitudinal stays in steam space of boiler renewed (excessively reduced in diameter). All plain & stay tubes renewed. A number of screw-stays & girder stays renewed. Centre furnace jacked fair. Main & auxiliary feed check chests, blow down valve chest renewed. Boiler hydraulically tested after repairs and found good.

J. Beert 2. In Dordrecht