

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

(Received at London Office **25 AUG 1947**)

Date of writing Report 18 August 1947 When handed in at Local Office 25 AUG 1947 Port of LONDON
No. in Survey held at LONDON Date. First Survey 8-5-47 Last Survey 16-8-1947
(No. of Visits TEN)

2235 on the Machinery of the Wood, Iron or Steel S.S. "LIKA"

Gross 4307 Vessel built at SOUTH SHIELDS By whom J. READHEAD & SONS LTD. When 1913 Year. Month. 5
Net 2725 Engines made at SOUTH SHIELDS By whom J. READHEAD & SONS LTD. When 1913
Nominal 385 MW Boilers, when made (Main) 1913 (Donkey) 1912 refilled 1934
Use Power of Main Boilers 2 SB. Owners BEHARSKO AKSIONARSKO DRUSVO BEOGRAD Owners' Address _____
of Donkey Boilers 2 DA Managers _____ (if not already recorded in Appendix to Register Book.)
Steam Pressure _____ Port _____ Voyage _____
of Main Boilers 160 lbs If Surveyed Afloat or in Dry Dock AFLOAT
of Donkey Boilers _____ (State name of Dock.) SURREY COMMERCIAL DOCKS

Report No. _____ Port _____

Particulars of Examination and Repairs (if any) BS. and G.E.

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, 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.

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 _____

Special 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

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? NO. NOT IN USE

What parts of the Boilers could not be thus thoroughly examined? _____

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. PORT 8.5.47 STARBOARD 13.5.47 Present condition of funnel(s) EFFICIENT

Did the Surveyor examine the Safety Valves of the Main Boilers? YES To what pressure were they afterwards adjusted under steam? 160 lbs/p.s.i.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? NO To what pressure were they afterwards adjusted under steam? _____

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? YES and of the Donkey Boilers? NO

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

Did the Surveyor examine all the mountings of the Main Boilers? YES and of the Donkey Boilers? NO

Has the screw shaft now been drawn and examined? NO Has it a continuous liner? YES Is an approved oil retaining appliance fitted at the after end? YES

Has the shaft now been changed? YES If so, state reasons _____ Has the shaft now fitted been previously used? YES Has it a continuous liner? YES

Is an approved oil retaining appliance fitted at the after end? YES State date of examination of Screw Shaft _____ State the wear down in the screw bush _____

Is electric light and/or power fitted? YES If so, did the Surveyor examine the generator, motors, switchgear, cables and fuses? YES

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? NO

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

Work done for BS:- Port and Starboard main boilers examined internally and externally, (see Leith Surveyor's Report to 21823) together with mountings doors and fastenings and found to be in good order. Boilers subsequently examined under steam and their safety valves adjusted to 160 lb/p.s.i. in accordance with previous recommendation.
Repairs carried out:- Stiffening rings fitted to alternate corrugations on all three furnaces Port Boiler. Compensating rings fitted to landing edges of lower manhole doors of Port & Starboard Boilers.
Owner's request examined intermediate stop valve reversing engine and dynamo engine entire, condensers (tested) and main circulating pump. Minor repair carried out and foregoing placed in good order. Main engines and auxiliaries examined under working conditions. H.P. cylinders considered efficient meantime for further extension and renewal recommended before the end of November 1947. Electrical equipment examined and found satisfactory.

General Observations, Opinion, and Recommendation:- The machinery of this vessel as now examined is in

(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.)

Good order and eligible in our opinion to remain as classed with fresh record of BS 5.147, subject to furnaces of Port Boiler and wing furnaces of Starboard Boiler being renewed before end of November 1947, and "Examined 6.47" (valid for 3 months) as recommended (see Leith Int. Certificate 24.4.47) &c. Subject to H.P. cylinders being renewed by end of Nov. 1947 and "D.B. not to be used".

Fee (per Section 29) BS £ 7 : 0 : 0 Fees applied for 26 AUG 1947

Damage or Repair Fee (if any) (per Section 29) £ : : Received by me, Wm Robinson A.C. Wedgwood J.W. Poyser

Printing expenses (if chargeable) £ : : 19 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute _____ Date FRI 5 SEP 1947 Deferred for Comp BS

Signature _____



010219-010228-0241

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

SEE SPL. NOTE 9.147 D. B. not to be used.