

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

No. 2045

(Received at London Office)

SEP - 5 1940

Writing Report: 14 May 1940 When handed in at Local Office: 19 Port of Alexandria
 Survey held at Alexandria Date First Survey 30/4/40 Last Survey 5 May 1940
 on the Machinery of the Wood, Iron or Steel Se. Estero ex Port Estero (No. of Visits 4)
 Gross 4743 Vessel built at Tacoma Wash. By whom Ford. D.D. Bourin Corporation When 1920-8
 Net 2946 Engines made at " By whom " When 1920
472 Boilers, when made (Main) 1920 (Donkey) "
 n Boilers 3 S.B Owners Gen. Maritime Antinevia S.p.A. Owners' Address "
 (if not already recorded in Appendix to Register Book.)
 Key Boilers - Managers " Port Panama Voyage India
 ssure 1906 If Surveyed Afloat or in Dry Dock Both (State name of Dock.)
 y Boilers - Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. _____ Port _____
 Particulars of Examination and Repairs (if any) B.S. partly held

Surveys, when held, must be reported in detail and seriatim 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 being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

In cases where the Surveyor has not made a special damage report he is required to state whether he has performed his services for this purpose, and why they were declined -

Has a special damage report made by anyone else? If so, by whom? -

Has the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Pr. Boilers only.

Has the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? -

Has the Surveyor personally go inside each other boiler separately and make a thorough examination at this time? Not done, state for what reasons? Stan boiler used for Pr. purposes

Have any parts of the Boilers could not be thus thoroughly examined? -

Have any 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? -

Has the date of internal examination of each boiler? Pr. Boilers 30/4/40 Present condition of funnel(s) Good

Has the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 190 lb

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

Has the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Pr. Boilers Yes and of the Donkey Boilers? -

Has the Surveyor examine the drain plugs of the Main Boilers? - and of the Donkey Boilers? -

Has the Surveyor examine all the mountings of the Main Boilers? Pr. & Boilers Yes and of the Donkey Boilers? -

Has the shaft now been drawn and examined? No 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? -

Has the shaft now been changed? - If so, state reasons -

Has the shaft now fitted been previously used? - Has it a continuous liner? - Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? -

Has the examination of Screw Shaft? State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 2 1/2 in.

Have the parts, when referred to by numbers, should be counted from forward? - Is electric light and/or power fitted? Yes

Has the Surveyor examine the generators, 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? -

Has the Surveyor examine the machinery, when not complete, state what arrangements have been made for its completion and what remains to be done? To complete the B.S. for

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(per Section 29) £ 9 : 9 : 0
 Damage or Repair Fee (if any) £ : :
 Expenses (if chargeable) £ 15 : 0
 Fees applied for 8/5 1940
 Received by me, 1/5 1940

H. Bishop
 Engineer Surveyor to Lloyd's Register of Shipping.

Shipowner's Minute
 See minute on Pr. 3180

Lloyd's Register
 Foundation

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

007714-007721-0328 2

Continued.

S.S. *Esters*

Boiler Rooms:

Leaky seams (High) in furnace & boiler tubes. Caulking made good.

The main feed check ^{valve} in boiler tubes of *High* boiler, now *High* fitted & repaired. All other boiler mountings, seats, valves, & gaskets put in good & efficient condition. Steam valves in *High* boiler pipes, *High* in *High* below platform examined & put in order.

Fuel oil burning system, heater, & pipes examined & all leaky joints remade. Double bottom Tank Top & bilges under boiler properly cleaned & now all in efficient condition.

Pipes in dry dock. All sea connections opened up & with their seats, valves, covers & gaskets examined & found & repaired in good condition.

The propeller & stem tube & castings seen & in good condition.

Wear down of wood in outer bush & $9 \text{ mm } 3/32$.

H. Bishop

To complete the B.S. for runs 4-40. The *High* boiler remains to be examined & the safety valves adjusted under steam.The following parts of Machinery were opened up & inspected & claimed no damage occurred on account of ^{Touching} *High* at the Port of *High* on the 1st of *High* 1940S.P. & J.P. Cylinders opened up for examination *High* & *High*. No damage found only ordinary wear & tear. Piston rings. Temp. gauge black & adjust *High* of & *High* required & now doneAuxiliary Condenser opened. Tubes tested, *High* leaking & made good.Ballast pump, *High* pipe. Thruster. Brazed patch fitted.

Electric light installation. Test & defects found in circuits to navigating lights. Mast head light, gun boxes & other lamps renewed in Officer's quarters & electric light installation now in order

The reversing engine for the main engine repaired & now in good condition

The above in my opinion were ^{of *High*} repaired due to wear & tear.

H. Bishop



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