

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

(Received at London Office)

JUN -3 1940

Report 14/5/1940 When handed in at Local Office 14/5/1940 Port of Piraeus

Survey held at Piraeus Date, First Survey 26/2/40 Last Survey 8/5/1940 (No. of Visits -12-)

on the Machinery of the Wood, Iron or Steel SC. IOANNA EX. SUZY

Vessel built at Port Glasgow By whom Clyde S.B. & C. Co. Ltd. When 1907-200

Engines made at By whom (Donkey)

Boilers, when made (Main)

Owners B. Athanasiadis Owners' Address (if not already recorded in Appendix to Register Book.)

Managers YANNOULATOS BROS. LTD. Port Piraeus Voyage England.

Surveyed Afloat or in Dry Dock Piraeus Harbour & Shipway, Piraeus.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

RECLASSIFICATION

Reasons of Examination and Repairs (if any) H.L.C. & T.S.

When held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on machinery (the cause of which must be stated) should be separated from repairs due to other causes; and details of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has examined the machinery for this purpose, and why they were declined.

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

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

Donkey "

one, state for what reasons?

of the Boilers could not be thus thoroughly examined?

means, in the absence of internal examination, were adopted by the Surveyor to ensure himself of the thorough efficiency of those parts of each Boiler?

of internal examination of each boiler Port & Starboard boilers 4/4/40. Present condition of funnel(s) Good.

examine the Safety Valves of the Main Boiler? Yes. To what pressure were they afterwards adjusted under steam? 180 lbs. H"

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

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

examine the drain plugs of the Main Boilers? Yes. , and of the Donkey Boilers?

examine all the mountings of the Main Boilers? Yes. , and of the Donkey Boilers?

how been drawn and examined? Yes. Is it fitted with continuous liner? No. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes.

been changed? No. If so, state reasons

how 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.

rotation of Screw Shaft 20/4/40. State the distance between bearing metal of stern bush and top of after bearing of screw shaft. 3 1/4 H.

Is electric light fitted? Yes.

Surveyor examine the generators, motors, switchgear, cables and fuses? Yes.

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

at complete, state what arrangements have been made for its completion and what remains to be done Complete.

have seen Secretary's letter S. 21/2/40.

Vessel placed in dry dock examined propeller & all outside fastenings, & discharge valves. Screw shaft drawn & examined.

All main engine cylinders, pistons, slide valves, piston rods & crossheads, & bundles, all crank thrust & tunnel shafting, all main engine pumps, & pumps & pumping arrangements. Main condenser examined & water tested.

Installation examined, repaired & megger tested.

& steering engines examined. Two lengths auxiliary (copper) steam piping tested, & four lengths (steel) main steam piping 5 1/2 diameter, tested by pressure to 400 lbs. H" (P.T.O.)

Observations, Opinion, and Recommendation:—The machinery of this vessel as

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

alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 0,11, B.&M.S. 0,11, & L.M.C. 0,11, or

140 lb., E.D., &c.)

is in good & efficient condition & eligible in our opinion to be

in the Register Book, & to have fresh records of H.L.C. 5,40. &

notation of T.S. 0,9. 4,40.

the notation of Superheaters fitted, now to be deleted, from Register Book.

Section 39) L.M.C. & T.S. £33 : 0 : 0 Fees applied for 8/5/1940

or Repair Fee (if any) £ : : Received by me, 10/5/1940

Section 39.) Expenses (if chargeable) £ 1 : 4 : 0

tee's Minute TUE 2 JUL 1940

+ Lmb. 5.40

Engine Surveyor to Lloyd's Register of Shipping.

Is a Certificate required? If so, to be sent to YES. PIRAEUS OFFICE.

Lloyd's Register Foundation

W281-0056 (112)

S.S. IOANNA Ex SUZY.

Port & Starboard main boilers examined internally & externally together with doors, mountings & fastenings & safety valves adjusted under steam to 180 lbs. H"

Repairs :-

Port Boiler :- Centre fire 15 stay tubes & 9 plain tubes renewed.
Port fire 1 stay tube renewed.

Starboard Boilers

Centre fire 14 stay tubes & 11 plain tubes renewed.

Port fire 1 stay tube & 1 plain tube renewed.

the front end plate flanging of Port & starboard boilers, immediately below the centre furnaces found to be grooved, now cut through & built-up E.W. Port & Starboard boilers tested to 120 lbs. H" hydraulic pressure on completion of repairs, & found tight.

NOTE :- All main boiler superheater pipes & headers have now been removed in their entirety, & the superheater stop valves fitted with suitable blank flanges. The saturated steam piping supports have been modified to suit the above alteration.

Main engine M.P. piston fitted with new piston rings.

Main engine bulge & feed pump suction valves renewed.

Steering engine :- Two piston valves renewed.

Windlass crank shaft main bearings renewed.

Electrical Installation :- Dynamo armature & field windings all cleaned & recoated with varnish.

All section fuse boxes throughout the vessel renewed in steel. Navigation lights, fuse box, in wheel house, renewed, & all its fuses renewed with 'Siemens Cartridge Type'.

RM.