

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

(Received at London Office)

JUN -3 1940

Report No. 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-)

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

Class 950 Vessel built at Port Glasgow By whom Clyde S.B. & Co. Ltd. When 1907-200  
418 Engines made at \_\_\_\_\_ By whom \_\_\_\_\_ When \_\_\_\_\_

Boilers, when made (Main) \_\_\_\_\_ (Donkey) \_\_\_\_\_

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

Managers YANNOULATOS BROS. LTD. Port Piraeus Voyage England

Surveyed Afloat  in Dry Dock Piraeus Harbour & Shipway, Piraeus.  
(State name of Dock.)

Port No. \_\_\_\_\_ Port \_\_\_\_\_ RECLASSIFICATION H.L.M.C. & T.S.

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

Days, 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 in the body of the report, should be briefly summarised at the end of the report. State also the names 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 services for this purpose, and why they were declined.

Has anyone else made a report? If so, by whom? Yes.

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

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

State for what reasons? \_\_\_\_\_

Were the Boilers could not be thus thoroughly examined? Yes.

What 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? Port & Starboard boilers 4/4/40.

What was the present condition of funnel(s)? Good.

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

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

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

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

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

How often has the shaft 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.

Has the shaft been changed? No. If so, state reasons \_\_\_\_\_

Has the shaft ever been fitted with a continuous liner? Yes. Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes.

What is the distance between bearing metal of stern bush and top of after bearing of screw shaft? 20/4/40. Is electric light fitted? Yes.

When referred to by numbers, should be counted from forward.

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

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

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

See 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 shown, is in good & efficient condition & eligible in our opinion to be entered in the Register Book, & to have fresh records of H.L.M.C. 5, 40 & notation of T.S. O.G. 4, 40.

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

Fees applied for 8/5/1940 Received by me, 10/5/1940

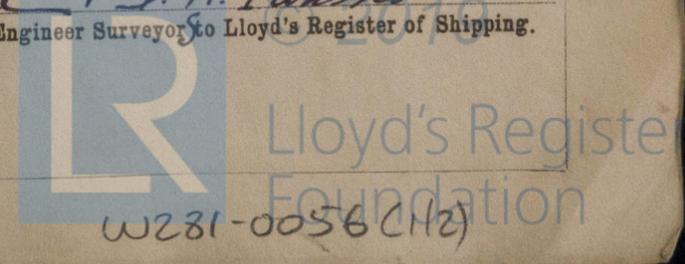
Signature: P. A. Parissis Engineer Surveyor to Lloyd's Register of Shipping.

Date: TUE 2 JUL 1940

Signature: Lmb. 5-40

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

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



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<sup>2</sup>

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<sup>2</sup> 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.