Rpt. 9.

No. 2108

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

(Received at London Office) MAY -1 1941 [redacted]

34271 / 83326 ~~Sun 62~~ ~~52162~~

Date of writing Report 15th Feb 1941 When handed in at Local Office ..... 19 ..... Port of Alexandria [redacted]

No. in Reg. Book. Survey held at Alexandria Date, First Survey 29th Jan. 1941 Last Survey 30th Jan. 1941 (No. of Visits 2)

on the Machinery of the ~~Wood, Iron or~~ Steel Screw "Tanais"

Tonnage { Gross 1545 / Net 965

Nominal Horse Power 214

No. of Main Boilers 2

No. of Donkey Boilers ✓

Steam Pressure — in Main Boilers 190 lbs

in Donkey Boilers ✓

Vessel built at Sunderland By whom J. Blumer & Co. When (Year. Month.) 1907 · 1

Engines made at Sunderland By whom N.E. Marine Eng. Co. Ltd When 1907 · 1

Boilers, when made (Main) 1907 (Donkey) ✓

Owners S. Synodinos. Owners' Address (if not already recorded in Appendix to Register Book.) ✓

Managers Synodinos Bros. Port ✓ Voyage ✓

If Surveyed Afloat or in Dry Dock (State name of Dock.) Afloat.

Last Report No. 505 H. Port Pir. ✓

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
✠ 100 A.1. ~~8.39~~ 11.40		+ L.M.C. 8.39
S.S. Sld. 2nd No. 3. 4.31		T.S. ~~[illegible]~~ O.G. 11.40
S.S. Pir. No. 2. 39		B.S. 11.40
Cargo battens not fitted		

Particulars of Examination and Repairs (if any) Damaged Propeller

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

In 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 ✓

Was a damage report made by anyone else? If so, by whom? No.

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? ✓

" " Donkey " " " ✓

If this was not done, state for what reasons? ✓

And what parts of the Boilers could not be thus thoroughly examined? ✓

Also what 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? ✓

State latest date of internal examination of each boiler ✓ Present condition of funnel(s) ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓, and of the Donkey Boilers? ✓

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

Did the Surveyor examine all the mountings of the Main Boilers? ✓, and of the Donkey Boilers? ✓

Has screw shaft now been drawn and examined? ✓ Is it fitted with continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Has 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? ✓

State date of examination of Screw Shaft ✓ State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft ✓

Engine parts, when referred to by numbers, should be counted from forward.

Is electric light ~~and/or power~~ fitted? Yes ✓

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? ✓

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

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

Damage stated to have been caused whilst the vessel was manoeuvring in the outer harbour of this Port on the 28th Jan. 1941.
Vessel examined afloat. The propeller, alleged by the Master to have struck a buoy was examined by an expert diver who reported that there was no damage to propeller, rudder & fittings and stern frame. Propeller blade tips were later examined by me when vessel was in tipped condition and it was found that the leading edge of all four blades of the cast iron propeller were slightly serrated.

General Observations, Opinion, and Recommendation:—

(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, B.S. 9,11, B.&M.S. 9,11, ✠ L.M.C. 9,11, or ✠LMC 140 lb., F.D., &c.) CS 2,34.

The machinery of this vessel is eligible in my opinion, to remain as classed, without fresh record of Survey, subject to the Screw Shaft and Propeller being specially examined at the next drydocking on account of the said accident

Survey Fee (per Section 29) £ 3 : 3 : 0

Special Damage or Repair Fee (if any) (per Section 29.) £ 4 · 4 : 0

Travelling expenses (if chargeable) £ : 10 : 0

Fees applied for 15th Feb 1941

Received by me, 15th Feb 1941

A. C. Bone.
Engineer Surveyor to Lloyd's Register of Shipping.

TUE. 13 MAY 1941 FRI. 13 FEB 1942 TUES. 4 APR 1944

OMIT CLASS ON RE-PRINT.

Committee's Minute

Assigned As now Subject

Record: No later Survey reported

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1007707-007713-0130

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

Is a Certificate required If so, to be sent to

The Surveyors are requested

10m,3,39.—Transfer In

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