

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

(Received at London Office APR 29 1940)  
 Date of writing Report 27<sup>th</sup> April 40. When handed in at Local Office 24<sup>th</sup> Apr. 1940 Port of CARDIFF.  
 No. in Reg. Book 31651 Survey held at Cardiff. Date, First Survey 19<sup>th</sup> April Last Survey 26<sup>th</sup> April 40.  
 on the Machinery of the Wood, Iron or Steel SCREEN "PINDOS". (No. of Visits 34)

Tonnage Gross \_\_\_\_\_ Net \_\_\_\_\_ Vessel built at Newcastle. By whom Hawthorn Leslie & Co Ltd Year. Month. 1908.6  
 Engines made at Newcastle. By whom Hawthorn Leslie & Co When 1908.  
 Nominal Horse Power 492. Boilers, when made (Main) 1908. (Donkey) 1908.  
 No. of Main Boilers 2. Owners Pindos S.S. Co. Ltd. Owners' Address \_\_\_\_\_  
 No. of Donkey Boilers 1. Managers \_\_\_\_\_ (if not already recorded in Appendix to Register Book.)  
 Steam Pressure in Main Boilers 180 lbs/sq. in Surveyed Afloat or in Dry Dock Road Dock Port Argostoli Voyage \_\_\_\_\_  
 in Donkey Boilers \_\_\_\_\_ Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Last Report No. 8325A Port How  
 Particulars of Examination and Repairs (if any) Part M.S.

CHARACTER.	Years assigned	Machinery and Boiler Surveys
<input checked="" type="checkbox"/> for Special Survey		(Including date of N.B., if any).
Date of last Survey and of Periodical Surveys.		
<input checked="" type="checkbox"/> 100 A1 SHEL.		<input checked="" type="checkbox"/> L.M.C. 536
<input checked="" type="checkbox"/> DK. WITH FREEB.		<input checked="" type="checkbox"/> B.S. 12. 39.
<input checked="" type="checkbox"/> 11. 38.		<input checked="" type="checkbox"/> C.L. 12. 39.
<input checked="" type="checkbox"/> S.P. Bot. 2/1/1935-8-31.		
<input checked="" type="checkbox"/> S.P. ALS. 1907-36.		

(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?

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? No.

" " Donkey " " " No.

If this was not done, state for what reasons? B.S. Not due.

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? No 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 vite 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

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. To complete M.S., all

Rule requirements with exception of examination of steering & windlass engines (see also above rept. no. 8325) and examination of electrical installation, to be carried out. Stated that the survey will be advanced at the first opportunity.

Now done: Steering engine examined. Electrical installation examined & megger tested & found satisfactory. Dynamo engine examined under working conditions.

REPAIRS: - Faults in electrical circuits located & wiring partly renewed.

General Observations, Opinion, and Recommendation: - renewed.

(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 L.M.C. 140 lb., F.D., &c.)

The machinery of this vessel, so far as now seen, is eligible in my opinion to remain as classed. Record of M.S. (with date) to be deferred until completion of the survey.

Survey Fee (per Section 29) Elec. Inst. 1.00  
 Special Damage or Repair Fee (if any) \_\_\_\_\_  
 Travelling expenses (if chargeable) \_\_\_\_\_

Fees applied for 24 Apr. 1940  
 Received by me, \_\_\_\_\_  
 19 \_\_\_\_\_

Frank F. Richardson  
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute \_\_\_\_\_  
 Assigned \_\_\_\_\_  
 TUE. 2 MAY 1940  
Deferred

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