

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

(Received at London Office -9 SEP 1936)

Date of writing Report 17 August 1936 When handed in at Local Office 19 Port of Buenos Aires  
 No. in Reg. Book. 70936 Survey held at Buenos Aires Date, First Survey 16 July Last Survey 10 August 1936  
 on the Machinery of the ~~Wood, Iron or Steel~~ ASTRA III (No. of Visits 13)

Tonnage Gross 5518 Net 3146 Vessel built at Monfalcone By whom and Nav: Triestina When 1928 2 ms.  
 Engines made at Glasgow By whom D. Rowan & Co. Ltd. When 1928  
 Nominal Horse Power 631 Boilers, when made (Main) 1928 (Donkey)   
 No. of Main Boilers 3 S.B. Owners Asha Cia. Argentina de Petroleo S. A. Owners' Address Port Buenos Aires Voyage  
 No. of Donkey Boilers  Managers   
 Steam Pressure in Main Boilers 200 lb.  Surveyed Afloat  in Dry Dock Government Dry Dock Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 in Donkey Boilers  (State name of Dock.) South Dock No. 2

Last Report No. \_\_\_\_\_ Port \_\_\_\_\_  
 Particulars of Examination and Repairs (if any) L.M.C.

(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? Yes

" " 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 Ford 16 July. Port & start off 31 July Present condition of funnels. Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 205 lbs.

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? Yes, and of the Donkey Boilers?

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

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

Has screw shaft now been drawn and examined? Yes 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 \_\_\_\_\_ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

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 vitae or bearing metal of stern bush and top of after bearing of screw shaft 1/8"

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? Light only

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done To complete the survey the daily service fuel oil tanks are to be examined. It is stated that this will be carried out upon the vessel's return to Buenos Aires about six weeks hence. Also the main circulating pump body is to be examined or renewed within nine months time.

Now done: Vessel placed in dry dock, propeller, & outside fastenings of stern bush & sea connections examined, latter opened out & examined.

Examined: Cylinders, pistons, slide valves, crank, thrust & intermediate shafts, pumps & condenser latter tested & found tight. Examined valves, cocks, pipes & strainers of pumping arrangements. Above parts found or placed in good order. The body of the main circ. pump (centrifugal), was found badly wasted locally an efficient temporary repair was effected. It was recommended that same be again examined or renewed within nine months. A new pump body has been ordered & it is stated will be fitted when delivered. P.T.O.

General Observations, Opinion, and Recommendation: The machinery of this vessel  
 (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.)

is in an efficient condition & eligible in my opinion to remain as classed & to have fresh record of L.M.C. 8-36 when the daily service fuel oil tanks have been examined, and subject to the main circulating pump body being again examined or renewed within nine months time.

Survey Fee (per Section 29) \$52:1:00 Fees applied for 10 Aug. 1936  
 Special Damage or Repair Fee (if any) £ : :  
 Travelling expenses (if chargeable) \$32:00 Received by me, \_\_\_\_\_

Committee's Minute TUE. 22 SEP 1936  
 Assigned Deferred

A. Daintith  
 Engineer Surveyor to Lloyd's Register of Shipping.  
 TUE. 15 DEC 1936  
 FRI 18 JUN 1937

009879-009887-0273 1/2

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

Is a Certificate required? If so, to be sent to \_\_\_\_\_ Yes To this office.

Examd the main boilers & their mountings internally, externally & under steam. Safety valves adjusted as stated above. Steam pipes examd so far as practicable.

The cables, switch board, distribution boxes, & all fittings of the electric lighting installation examd & megger tested. same found or placed in good order. Installation afterwards tested under working conditions & found satisfactory.

A. D. /



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0273 4/

No 2 due 2.36 part held

held.

Completion in 6 weeks.

It is submitted that this vessel WILL BE eligible for the record.

Time 8.36 Run

Daily Service of fuel tanks examined.

July. Circulating pump body being renewed before end of 5.37.

DA

2/9/36



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