

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

WRECK SECTION
No. 531

No. 20546

(Received at London Office)

22 DEC 1947

Date of writing Report **22nd. Nov.** 19 **47** When handed in at Local Office **22nd. Nov** 1947 Port of **BUENOS AIRES**
No. in Reg. Book Survey held at **BUENOS AIRES** Date, First Survey **24/10/47** Last Survey **20/11/1947**
68279 on the Machinery of the ~~XXXXXX~~ Steel **T.S.S. "ALBION STAR"** (No. of Visits **five**)

Tonnage | Gross **7946** | Vessel built at **Belfast** | By whom **Workman, Clark & Co. Ltd.** | Year Month **1919 6**
| Net **4935** | Engines made at **Belfast** | By whom **Workman, Clark & Co. Ltd.** | When **1919**
Nominal Horse Power **1138 MN** | Boilers, when made (Main) | (Donkey) **1919**
No. of Main Boilers **2** | Owners **Union Cold Storage Co. Ltd.** | Owners' Address |
No. of Donkey Boilers **3 DB** | Managers **Blue Star Line, Ltd.** | Port **London** | Voyage |
Steam Pressure in Main Boilers **--** | If Surveyed Afloat or in Dry Dock **South Dock** | Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
in Donkey Boilers **200 lb.** (State name of Dock.)

Last Report No. **4894** Port **P. ml**

Particulars of Examination and Repairs (if any) **DAMAGE**
(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.)

CHARACTER +for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned new expired.	Machinery and Boiler Surveys (including date of N.S., if any)
+100A1		+IMC 12,42
Shelter Deck with freeboard 4,46-7.57		BS 12,46.5.47 TS CL 3,46
s.s.B.As.2nd.N°3- 12,42		RMC

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. **Yes not required**

Was a damage report made by anyone else? If so, by whom? **Not known**

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

Do the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? **--**

If this was not done, state for what reasons? **--**

What parts of the Boilers could not be thus thoroughly examined? **--**

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? **--**

What is the 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 the 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 the 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? **--**

What is the 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 **--**

When engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? **--**

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. **Complete.**

Damage stated to have been caused by heavy weather between 28th. September and 2nd. October 1947

1st on voyage Avonmouth to Buenos Aires.

Found I.P.eccentric straps ahead badly worn and pulley grooved, astern slightly worn.

Starboard main engine condenser leaking.

DAMAGE REPAIRS: I.P.astern eccentric pulley machined and strap remetalled.

I.P.ahead eccentric pulley too thin after machining now renewed and strap remetalled.

Starboard condenser stay leaking now rejointed.

General Observations, Opinion, and Recommendation: The machinery of this vessel where now seen is in good

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

The vessel is in my opinion eligible in my opinion to remain as classed without fresh record.

Survey Fee (per Section 29.) £ : : Fees applied for 20/11/19 47

Special Damage ~~XXXXXX~~ \$ 425.00 Received by me, 19.

(per Section 29.) Travelling expenses (if chargeable) \$ 30.00

Committee's Minute / Assigned Note TUES. 6 JAN 1948 As now

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A. Taylor
Engineer Surveyor to Lloyd's Register of Shipping.
H.O.
Lloyd's Register Foundation
To be broken up
W1003-0014



Surveyed the
underlying
1946
what
caused
what
and that

Register of
recommendations
been carried
Recommended

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be made in

This Certificate is issued
to the Committee of the
Register of Shipping
and is to be used
only in the Register
of Shipping and is not
to be used in any other
document or in any
other way.

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

Is a Certificate required? If so, to be sent to

Main engine Valve gear repaired.

It is submitted that this vessel is eligible to remain as CLASSED.

J.S.

1.1.48.



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