

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

(Received at London Office)

Date of writing Report: 11-5- 1939 When handed in at Local Office 13-5- 1939 Port of Antwerp

No. in Reg. Book. 73815 Survey held at Antwerp. Date, First Survey 28-4 Last Survey 10-5-1939
(No. of Visits 4)
on the Machinery of the ~~Wood, Iron or Steel~~ S. S. "ELENA R." Year. Month.

Tonnage { Gross 4576 Vessel built at Newport News By whom Newport News S. B. & D. D. Co. When 1917 12
Net 2845 Engines made at do By whom do When 1917

Engines made at — 28 — By whom —
 Nominal Horse Power 471 Boilers, when made (Main) — 1917 — (Donkey) ✓
 No. of Main Boilers 2 Owners A. Roussos & Co. Owners' Address ✓
 (This is already recorded in Appendix to Register Book.)

No. of Donkey Boilers ✓	Managers ✓	Port <i>Alex</i>	Voyage ✓
Steam Pressure—		Particulars of Classification (which must be inserted)	

in Main Boilers	190 100	& Surveyed Afloat or in Dry Dock <u>July 2, 1901</u> <u>222176</u> (State name of Dock.) _____	precisely as in Register Book & Supplements).					
in Donkey Boilers	✓		<table border="1"> <tr> <td>CHARACTER.</td> <td>DATE</td> <td>Machinery and Boiler</td> </tr> <tr> <td>& for Special Service</td> <td>Surveyed</td> <td>Surveyed</td> </tr> </table>	CHARACTER.	DATE	Machinery and Boiler	& for Special Service	Surveyed
CHARACTER.	DATE	Machinery and Boiler						
& for Special Service	Surveyed	Surveyed						

Last Report No. _____	Port _____	Date of last Survey and of Periodical Surveys. _____	Date of last annual and triennial exp. _____	(including date of N.B. if any) _____
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Particulars of Examination and Repairs (if any) Comp. D.S. Repair
(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of examinations and subsequent repairs. Repairs on

cause of Repairs, if any, and, in detail, must be stated) should be separated from Repairs due to other causes; and account of Damage (the cause of which must be stated) 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

SS MoB. No 3-2-30
SS Ams. No 2-37
Lifted for out fees 12.17 F.P. abm

<p>offered his services for this purpose, and why they were declined. ✓</p>	<p>150°F</p>
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Was a damage report made by anyone else? If so, by whom? Yes

Did the Surveyor personally go inside each house?	✓	✓	✓	✓	✓
"	"	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?)
 Present condition of funnel(s) *Efficient*
 Date of internal examination of each boiler. *Both Bhs. 28.4.39*

Did the Surveyor examine the Safety Valves of the Main Boiler? 7/10 To what pressure were they afterwards adjusted under steam? 190 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? *Yes*

Did the Surveyor examine the drain plugs of the Main Boilers? ☒ Yes, _____, and of the Donkey Boilers? ☒ Yes, _____

Did the Surveyor examine all the mountings of the main shaft? 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? ☒ 14011

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 ☐
Examine 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? ☒

What work has been made for its completion and what remains to be done. *Complete.*

Now Done: Hessel placed in dry dock, propped, after end of stern bush & all outside fastenings of

cocks & valves examined. Both Boilers examined internally, & the Safety valves

adjusted under steam to the pressure stated above.

Now DONE: Moving engine cylinder block, & general service pump water and found pack

A new cylinder block has been made, hydraulically tested, & fitted. Complete new

water and made a fitted to general service pump. This pump was examined under working conditions & found satisfactory.

NOTE:- This vessel has been laid up since Nov. 1938 when the boilers were previously examined. Cont. Rept. 2

Opinion and Recommendation: *Eligible in our opinion to remain*

General Observations, Opinion, and Recommendation.—*Engineer.*
(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 if such alteration is suggested, state in what way it is suggested 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.)

CS 8,34, 140 lb., F.D., &c.)
is now classed in the Register Book & to have fresh record of B.S. (4) 39

Survey Fee (per Section 29) BS-McG. Ref. E1400 : Fees applied for 19.50

Special Damage or Repair Fee (if any)..... £

Travelling expenses (if chargeable)..... £ : 19

Committee's Minute 12/5/38 CERTIFICATE

Assigned _____ DATE WRITTEN _____

W442-0182