

No. 52095.

# REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office)

Surveying Report 10/8/43 19... When handed in at Local Office 11 AUG 1943 19... Port of Hull

Survey held at Hull Date. First Survey 1. 4. 43 Last Survey 24. 7. 1943 (No. of Visits 4)

on the Machinery of the Wood, Iron or Steel S.S. "Portsea"

Gross 1583 Vessel built at Burntisland By whom Burntis. Ltd & A.B. Co. Ltd Year. Month. When 1938 4

Net 943 Engines made at Greenock By whom Rankin & Blackmore Ltd When 1938 4

Boilers 2 Boilers, when made (Main) 1938 (Donkey) Owners Sea Steamship Co. Ltd Owners' Address

Managers H. Brown & Son Ltd (if not already recorded in Appendix to Register Book.) Port Hull Voyage

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

Port No. Port

of Examination and Repairs (if any) 10/8/43 General Examination

When held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly stated at the end of the report. State also the dates and initials of any letters respecting this case.

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.

Report made by anyone else? If so, by whom?

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

Donkey " " " "

For what reasons? What parts of the Boilers could not be thus thoroughly examined?

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?

Date of internal examination of each boiler 8/11/42 5/4/43

Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 200 lbs/sq. in.

Surveyor examine the Safety Valves of the Donkey Boilers? Yes To what pressure were they afterwards adjusted under steam?

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

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

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

Screw shaft now been drawn and examined? No Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

Now been changed? No If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

Approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft State the wear down in the shaft

Is electric light and/or power-fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes

Engine parts, when referred to by numbers, should be counted from forward. If survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete

Remarks: Main engines examined internally & externally together with principal mountings are found in satisfactory condition. Run under steam. Safety valves adjusted. Minor repairs effected. General examination made externally, electrical circuits & megger tested & found to be good. Engineer stated machinery satisfactory to date. A number of minor repairs effected. Surveyor decided to take this opportunity to renew all superheated elements.

Observations, Opinion, and Recommendation: The machinery of this vessel is eligible, in my opinion, for 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, BS 9,11, B&MS 9,11 \*LMC 9,11 or \*LMC 140 lb., FD, &c.) CS 3,34,

Remain as classed with fresh record 8/8/43.

Fees applied for 11 AUG 1943

Received by me, H. Clive, Juniper, Engineer Surveyor to Lloyd's Register of Shipping.

FRID. 27 AUG 1943

BS 7.43

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

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Lloyd's Register Foundation



BS due 4.42 (as last - BS to. 1) now held.  
A general examination held.  
Reperbeater takes removed.

It is submitted that  
this vessel is eligible for  
THE RECORD. BS 7.43.  
Examined 7.43.

2/4  
25/8/43.



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