

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

(Received at London Office 29 OCT 1942)

Date of writing Report 19<sup>th</sup> Oct. 1942 When handed in at Local Office 26.10.42 Port of Glasgow

No. in Reg. Book 80596 Survey held at Glasgow Date First Survey 12.9.42 Last Survey 19<sup>th</sup> Oct. 1942 (No. of Visits 6)

Tonnage Gross 1950 Net 970 Vessel built at Sunderland By whom Swan Hunter & Wigham Richardson When 1919 5  
Engines made at Sunderland By whom Richardsons, Westgarth, Ltd. When 1919  
Nominal Horse Power 324 Boilers, when made (Main) 1919 (Donkey)  
No. of Main Boilers 358 Owners Ellerman's Wilson Line, Ltd. Owners' Address (if not already recorded in appendix to Register Book.)  
No. of Donkey Boilers Managers Port Hull Voyage  
Steam Pressure in Main Boilers 180 lbs  
in Donkey Boilers

Last Report No. Port Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Particulars of Examination and Repairs (if any) Docking & Part BS. (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 now or to be assigned	Machinery and Boiler Surveys (including date of N.B., if any).
+ 100A1.		+ LMC.
Shelter dk with freeboard 10,41		MS. 1,41
SS Hull, no 3-9,31		BS. 8,41
SS Hull no 2-41		TS. CL. 12,40
Cargo battens		not fitted in tween decks

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? Centre boiler only

If this was not done, state for what reasons Stbd boiler not due for survey; Port boiler not opened up at this time. (See Liverpool Rpt. no 80596) Under steam.

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? Centre 12-9-42

State latest date of internal examination of each boiler. Present condition of funnel Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 180 lbs

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

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

Did the Surveyor examine the drain plugs of the Main Boiler? Centre None, and of the Donkey Boilers?

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

Has the screw shaft now been drawn and examined? No Is it fitted with continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes

Has shaft now been changed? Yes If so, state reasons. Has it a continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? Yes

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. 5/32"

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? Yes

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

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 Port main boiler remains to be examined in its entirety and the safety valves adjusted under steam.

Now Done:-

Stbd placed in dry dock, propeller, after end of stem tube, underwater sea connections and their outside fastenings examined and found in good order.

SRL. Propeller examined and found tips broken off three blades. Nothing done at this time. Propeller found efficient.

For BS. Centre main boiler examined internally and externally together with safety valves, doors and mountings and found or placed in good working order.

General Observations, Opinion, and Recommendation:— The machinery of this vessel so far as now seen is in a safe working condition and eligible in our opinion to remain as classed with fresh record of BS. 7.42 as recommended in Liverpool Report, on completion of survey as above, subject to propeller being repaired at first opportunity.

(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, H.&M.S. 9,11, & L.M.C. 9,11, or X.L.M.C. 140 lb., F.D., &c.)

CS 3,34

Survey Fee (per Section 29) £ : : Fees applied for

License Case £ : : 19.

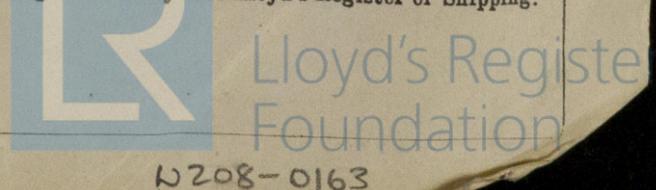
Special Damage or Repair Fee (if any) (per Section 29.) £ : : Received by me,

Travelling expenses (if chargeable) £ : : 19.

Committee's Minute GLASGOW 27 OCT 1942

Assigned referred for Comp BS.

G.P. Gibberon J.M. Lan 2019  
Engineer Surveyor to Lloyd's Register of Shipping.



(The Surveyors are requested to write on or below the space for Committee's Minute.)

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

For B.S. (Cont)

The safety valves of Centre a Stb<sup>d</sup> boilers afterwards adjusted under steam to the above pressure.

REPAIRS:-

1 Combustion chamber stays renewed. End plate in way of bottom manhole door built up by electric welding where wasted. Other minor repairs effected.

J.P. Gibbeson.

10041 +  
141 141  
141 28  
12.01.12.40

10041 +  
141 141  
141 28  
12.01.12.40

Boiler stays

Large boiler stays  
renewed

Boiler stays

Part boiler not present at inspection (see inspection file for notes)

Boiler stays

Boiler stays

12-4-42

Boiler stays

Boiler stays

Boiler stays

Boiler stays

Boiler stays

Part main boiler remains to be examined in its entirety and all safety valves repaired under steam.

New Done.

Examined in dry dock, propeller, after end of steam trial, under steam. The combustion and the outside fastenings examined and found in good order. Propeller examined and found off three blades. Bolting on at this time. Propeller found efficient.

Boiler main boiler examined internally and externally together with stays, then and mounting and found in good working order. The mounting of the boiler is

for as has been seen in a safe working condition and eligible in every respect to remain in service with great safety of 22.7.42 as recommended. Subject to propeller being repaired as above, completion of survey as above, at first opportunity.

J.P. Gibbeson

Note from BS  
Subject to the propeller being repaired  
at first opportunity.

In compliance with BS the  
boiler to be surveyed.

1.11.42  
1.11.42

