

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

No. 79958

9 DEC 1919 (Received at London Office)

Date of writing Report 19 When handed in at Local Office 19 Port of LIVERPOOL

Survey held at Liverpool Date, First Survey Oct 22 Last Survey Dec 2 1919 (No. of Visits 10)

on the Machinery of the Wood, Iron or Steel S.S. Salacia. Master

Gross 5201 Net 3511 Vessel built at Glasgow By whom C. Connell & Co. Ltd. When 1912-10

Engines made at Glasgow By whom Dunsmin & Jackson. When 1912 (Donkey) 1912

Boilers, when made (Main) 1912 Owners Donaldson Line Ltd. Port Glasgow Voyage

Donkey Boilers 100 lb. If Surveyed Afloat or in Dry Dock Kings & Green. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Report No. Port Particulars of Examination and Repairs (if any) S.S. & damage.

Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature 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 details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials and initials of any letters respecting this case.

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? Not required Was a damage report made by anyone else? If so, by whom? Colford & Wilson.

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes. Donkey " " " " Not submitted

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? /

Surveyor examine the Safety Valves of the Main Boiler? Yes. To what pressure were they afterwards adjusted under steam? 200 lb.

Surveyor examine the Safety Valves of Donkey Boiler? No. 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 Boiler? /

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

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

How shaft now been drawn and examined? Yes. Is it fitted with continuous liner? Yes. or two liners? / or is it without liners? /

Shaft now been changed? No. If so, state reasons /

Shaft now fitted new? No. Has it a continuous liner? / or two liners? / or is it without liners? /

Distance between lignum vitae of stern bush and top of after bearing of screw shaft? Good fit, bush renewed.

Survey is not complete state what arrangements have been made for its completion and what remains to be done? To complete B.S. The donkey

to be examined and safety valves to adjust. Superintendent engineer said that donkey boiler will be submitted for survey on the ship's return present voyage.

placed in dry dock, examined propeller, tail shaft, stern bush and connection fastenings. Examined the three main boilers internally externally with their safety valves and mountings

on account of damage & striking down unknown object, examined shafts, thrust & intermediate shafting, circulating pump and steam ring engine

done. One propeller blade broken, but spare steel blade fitted disc nuts renewed.

New bronze blade will be fitted at the first convenient opportunity

Observations, Opinion, and Recommendation:— This vessel's machinery on former survey, is in good working condition, eligible in our opinion to be classed with fresh record of T.S. 12, 19 new and B.S. 12, 19

completion of boiler survey, and record of burning oil being used until completion of oil fuel installation

Section 25... Fuel installation £ 2 : 10 : 0 Fees applied for 1919 5 : 5 : 0 or Repair Fee (if any) £ 1 : 2 : 0 Received by me, John Thomson & Co. Ltd. 9 DEC 1919

Engineer's Minute LIVERPOOL Defd for completion Note T.S. Notation - fitted for oil fuel Defd for 4/11/20

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

Certificate required? If so, to be sent to 008796-008803-0021 1/2

WED. 30 MAR. 1921 Lloyd's Register Foundation TUE. APR. 19 1921 FRI. AUG. 19 1921

Damage due to propeller striking unknown object
Crew shaft examined also crank thrust
axle shaft, a new blade fitted to
propeller
S.S. due 1.00 partly held to be
completed on return

It is submitted that this
vessel WILL BE eligible for
the record, BS 12.19, when the
S 12.19. B.S. has been held
J.D. 15/12/19.

If this Report is copied by Copying Press, special care must be taken that the copying paper is not so much damaged as to spread the ink, or to cause it to show through to the other side.

[Faint, mostly illegible handwritten notes and signatures on the left page.]

S. S. Salacia.

The circulating pump seat holes of the bottom & top
charge valves were found rusted and stiff, old seats
removed, new brass plates with grommet seats fitted.

Steering engine piston rings and worn wheel feathers
renewed.

Pist holes main stop valve seat and centre
also internal fuel pipe renewed.

Main boiler safety valves adjusted under steam
pressure to 200 lb.

Oil fuel installation.

Work done: Tank filling pipes, air & sounding pipes,
& extinguisher pipes & centre valves complete.

Water pump steam & exhaust pipes partly finished,
water pipes, steam & exhaust and coils complete and
as to approved plan.

To complete oil fuel installation
pumping plant, settling tanks & connections to be fitted
furnace burners to fit, this will be attended to
when ship returns from present voyage.

John Thomson.
B. G. Bedford

SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.