

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

(Received at London Office)

SEP 12 1940

LIVERPOOL

Date of writing Report _____ When handed in at Local Office - 6 SEP 1940 Port of LIVERPOOL

No. in Reg. Book 83434 Survey held at Birkenhead Date, First Survey 14/8/40 Last Survey 28/8/1940 (No. of Visits 8)

on the Machinery of the Wood, Iron or Steel M.V. SIMNIA.

Tonnage { Gross 6194 Vessel built at Glasgow By whom Harland & Wolff Year. Month. When 1936-5
 Net 3605 Engines made at do By whom do When 1936

Nominal Horse Power 378 Boilers, when made (Main) Oil Engine (Donkey) 1936

No. of Main Boilers 1 Owners Anglo-Saxon Petroleum Co. Managers' Address _____ Port London Voyage _____

No. of Donkey Boilers 1 Managers _____

Steam Pressure in Main Boilers _____ If Surveyed Afloat & in Dry Dock Cammell Laird. (State name of Dock.)

in Donkey Boilers 180

Last Report No. _____ Port _____

Particulars of Examination and Repairs (if any) Dry CS + DRS.

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.

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? _____

" " 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? _____

State latest date of internal examination of each boiler. DB 16-8-40. Present condition of funnel(s) Good.

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? Yes To what pressure were they afterwards adjusted under steam? 180 lb/sq in

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

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? Yes.

Has screw shaft now been drawn and examined? 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? _____

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? Yes

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. DB & CS complete. It is stated the continuous survey will be advanced at the first opportunity.

Low Done :- Vessel placed in dry dock, propeller, after end of screw shaft, sea cocks, valves + under water fastenings examined + found in good condition.

CS :- The following machinery opened up, examined found or placed in good condition.

Main unit nos 1 + 6 cylinders heads, liners, pistons, rods, valves + valve gear.

No 4 crosshead + brasses + bottom end pin + brasses

Nos 4 + 5 + 6 supercharging valves + casings (see continuous sheet)

General Observations, Opinion, and Recommendation: - The machinery of the vessel

(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. 2, 3, 4, 140 lb., F.D., &c.)

as far as seen is in a good + efficient condition + eligible in my opinion to remain as classes with fresh record of DB & CS + LMC (CS) with date on completion.

Survey Fee (per Section 29)	£ 2 : 0 : 0	Fees applied for 6 SEP 1940
Special Damage or Repair Fee (if any) (per Section 29.)	£ :	
Travelling expenses (if chargeable)	£ :	

Received by me, J. H. Lindley, Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute LIVERPOOL 10 SEP 1940

Assigned Deferred D.B.S. 8.40.

1-39

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

OR ENGINE CONTINUOUS SURVEY

M.V. SIMNIA.

CS cont:- main engine thrust shaft.

Auxiliary units:- The after boiler feed pump throughout

The after fuel unit pump throughout.

Oil fuel transfer pumps (2) throughout.

Fan engine + casing.

The Strombol generator starting air receivers (internally) (2).

The upper main starting air receiver (internally) with mountings.

Valves, pipes + strums of the pumping arrangements.

Steering engine + windlass throughout.

Electrical equipment:- Installation examined + tested under working conditions. Generators, switchboard fittings, fuses etc examined. Insulation test made on all circuits.

D.B.S:- Examined the donkey boiler throughout with mountings doors + fastenings + found in good condition. Boiler examined under steam + safety valves adjusted to pressure as above. The oil fuel installation examined under working conditions + found satisfactory.

Sundry minor repairs effected to machinery.

Electrical repairs:- Low insulation + earth faults located + removed from lighting circuits.

F.O.F.

