

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

2-SEP-1942

(Received at London Office)

Date of writing Report 26.8.42 When handed in at Local Office 26.8.42 Port of LIVERPOOL

No. in Survey held at Liverpool Date, First Survey 20/8/42 Last Survey 25/8/1942
 Reg. Book. 79908 on the Machinery of the Wood, Iron or Steel TWA SC "ORCADES" (No. of Visits 3)

Tonnage { Gross 23456 Vessel built at Borrow By whom Wickers Armstrongs Ltd When 1937-7
 Net 14029 Engines made at do By whom do When do

Nominal Horse Power 4912 Boilers, when made (Main) 1937 (Aux) 1937
 No. of Main Boilers 4WI Owners Orient Steam Nav Co Ltd Owners' Address London Voyage to India

No. of Donkey Boilers 440 Managers do Port London Voyage to India
 Steam Pressure in Main Boilers 2WI
 in Donkey Boilers 440

If Surveyed Afloat in Dry Dock (state name Canada) Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned how extended.	Machinery and Boiler Surveys (including date of N.B., if any).
+100A.1		TL.M.C. 7.37
with fuel tank		TLLOYD'S R.M.C.
1.41		5.42
		BS. 7.41
		TS(L) 1.41
Fitted for Oil fuel	7.37 P.P. above 150 F	

Last Report No. do Port do Commencement of BS 19. E.

Particulars of Examination and Repairs (if any) BS 19. E.

(Periodical Surveys, when held, must be reported in detail and serially 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? do

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

" " Donkey " " Yes

If this was not done, state for what reasons? Remaining boilers not prepared for survey

And what parts of the Boilers could not be thus thoroughly examined? do

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? do

State latest date of internal examination of each boiler SF & SC Boilers 20.8.42 Present condition of funnel Good

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? SF & SC only 44 lbs/10

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

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

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

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

Has screw shaft now been drawn and examined? Yes 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 do

Has the shaft now fitted been previously used? Yes 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 do State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft do

Engine parts, when referred to by numbers, should be counted from forward.

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 B.S.

The P.F., P.C., P.A., & S.A. boilers require to be examined throughout & their safety valves require to be adjusted & Oil fuel installation to be examined. The Owners Superintendent stated that the boiler survey would be completed at the first convenient opportunity

Now done: - Licence No 8148 -

Examined SF & S.C. boilers internally & externally with safety valves, mountings, man holes, doors & fastenings 25/8 tubes sighted, S.C. & S.F. boiler safety valves adjusted to pressure stated

Examined main engine gearing & started extractor pump P.T.O.

General Observations, Opinion, and Recommendation: The machinery of this vessel as far as now seen is in good & efficient condition & shigible in my opinion to remain as now classed with fresh record of B.S. 8.42 on completion of the survey.

(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 R.L.C. 140 lb., F.D., &c.)

Survey Fee (per Section 29) 3.00 Fees applied for 28 AUG 1942

Special Damage or Repair Fee (if any) do

Travelling expenses (if chargeable) do Received by me, do

Committee's Minute LIVERPOOL 1 SEP 1942

Assigned Deferred for completion Boilers Survey &c. W. H. W. Jaggott
 Engineer Surveyor to Lloyd's Register of Shipping.

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

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



1881
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2500290" 32 mt
8.25

The machine generally examined as far as possible of found the factory.

Biggs pumping arrangement examined.
see over head pumps tried started under working conditions 7 found 8 water factory.

Mr. West engineer tried under working conditions "head" & eastern "found water factory."

Electric equipment examined in accordance with circular No. 1792. Circuits tested found water factory.

found in workshop in school room 1881

L. West

1/18/1881

2500290" 32 mt

2500290" 32 mt

2500290" 32 mt

2500290" 32 mt

1881

1881

2500290" 32 mt

Noted

To complete the list for a record of 5742 the Survey of both Fort main Docks to be held in its entirety.

104 due 7:41 partly held 340 advanced

14/9/42

104 due 7:41 partly held 340 advanced