

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

(Received at London Office

17 MAY 1944

Date of writing Report 8.5.44 19... When handed in at Local Office 11 MAY 1944 19... Port of LIVERPOOL

No. in Survey held at Liverpool & Birkenhead Date. First Survey April 14 Last Survey May 3 19 44  
g. Book. (No. of Visits 12)

5818 on the Machinery of the Wood, ~~Iron or Steel~~ S.S. WAR DIWAN

Name of Vessel	Gross Tonnage	556 1	Vessel built at	Pt Glasgow	By whom	Lithgows Ltd	When	1919-8
	Net Tonnage	343 7	Engines made at	Glasgow	By whom	D Rowan & Co	When	1919
Nominal Horse Power		517	Boilers, when made (Main)	1919	(Donkey)	✓		
	of Main Boilers	3	Owners	The Admiralty	Owners' Address			
of Donkey Boilers	✓		Managers	—	(if not already recorded in Appendix to Register Book.)			
Working Pressure—					Port	London	Voyage	
Main Boilers	180							
Donkey Boilers	✓							
			Surveyed Afloat & in Dry Dock	Harby East Float	Particulars of Classification which must be inserted precisely as in Register Book & Supplements).			
			(State name of Dock.)					

Report No. _____	Port _____	CHARACTER.	✱ for Special Survey.	Date of last Survey and of	years assigned to new	expired	Machinery and Boiler Surveys
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Particulars of Examination and Repairs (if any) **BS. Gen Exam. Dorking**

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, 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.....

+100 A1 3-43  
ss Feb 7.3-539

+LMC 5-39  
BS 3-43  
TSCL 2.43

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.

damage report made by anyone else? If so, by whom? ☒

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

Donkey

state for what reasons..... What parts of the Boilers could not be thus thoroughly examined? ✓

<p>latest date of internal examination of each boiler</p>	<p>Part + Star 17-4-44</p>	<p>Centre 29-4-44</p>	<p>Present condition of furnaces</p>	<p>SP1 in air</p>
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he Surveyor examine the Safety Valves of the Main Boilers? *Yes* To what pressure were they afterwards adjusted under steam? *180 lbs.*

12. Did the Surveyor examine the Safety Valves of the Donkey Boilers? Yes To what pressure were they afterwards adjusted under steam? 100 lbs.

Does the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? *yes* and of the Donkey Boilers?

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

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

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

Shaft now been changed? ☒ 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

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

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

Survey is not complete, state what arrangements have been made for its completion and what remains to be done

All boilers examined throughout with mountings, + found - good

slight leakage from end plate lower seam where previously  
 artly renewed now caulked & made good. Uptake air tubes renewed.

Afterwards examined under steam & all safety valves adjusted.

The machinery generally examined, including steering engine & windlass and found satisfactory. afterwards tried under working conditions.

Condenser and circulating pump examined.

and in Drydock: the propeller, sea valves and fastenings examined.  
 Licence checked + all verified on board.

Electrical equipment examined + tested under working conditions.

Insulation tests carried out.  
 Also Ex. 2 insulation & earth faults located & removed sundry minor repairs effected

General Observations, Opinion, and Recommendation:—The Machinery of this vessel is eligible

(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, BS 9.11, B&MS 9.11 ~~to~~ LMC 9.11 or ~~to~~ LMC 140 lb., FD, &c.)

our opinion to remain as closet with fresh record of BS 5-44.

Machinery Examiner 5.44

10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310 320 330 340 350 360 370 380 390 400 410 420 430 440 450 460 470 480 490 500 510 520 530 540 550 560 570 580 590 600 610 620 630 640 650 660 670 680 690 700 710 720 730 740 750 760 770 780 790 800 810 820 830 840 850 860 870 880 890 900 910 920 930 940 950 960 970 980 990 1000

Fee (per Section 29) £ 4 : 0 : 0  
Damage or Repair Fee (if any) £ 3 : 3 : -

Shipping Expenses Form 100 (11 May 1962)  
(per Section 29.)

Received by me,  
C. F. Sedgwick & A. V. Williams  
Engineer Surveyors to Lloyd's Register of Shipping

mittee's Minute ..... LIVERPOOL 16 MAY 1944

gned As now.

B.S. 5.44.

W669-0104





Noted  
Examined 544

23/5/44

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28

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28

28 28/3

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Handwritten numbers 1081, 1082

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