

Rpt. 9

Date of writing report 18th March, 1958.

Received London

126 MAR 1958

Port CARDIFF.

No. 60430

Survey held at NEWPORT, MON.

No. of visits 18

First date 3rd Jan.

Last date 13th March, 1958.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 07993 Name M.V. "DEWDALE" Gross tons 8298 Date of build 6 - 1941

Owners The Admiralty Managers - Port of Registry London

Engines made 1941 By Harland & Wolff Ltd., Belfast. Type Oil Engine 2SA 8CY.

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of ~~Aux~~/Donkey Boilers 2 W.P. 150 lb.

Surveyed Afloat or in Dry Dock Both

Nature of Survey DBS. TS. Part CS.

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Hull	Machinery
#100 A1	#LMC
Carrying petroleum in Bulk	CS 7-55
1-57	d 1-57
S.S. Nwc (Dr) 7-55	CL 12-56
	Mchy. aft.

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers Good Wear Down of Stern Bushes .04" Oil Glands - Sea Connections (Eng. Room) Good

Fastenings Good Has Screwshaft ~~Tube~~ shaft been drawn? Yes Date of Examination 16.1.58. Has Shaft been changed? No

Has Shaft now fitted been previously used? - Has Shaft now examined/ ~~tested~~ a continuous liner? Yes Approved oil gland? -

MAIN ENGINES (Recip. ~~Eng~~ or I.C.) ~~PORT~~ ~~STARBOARD~~

1 Cyls., Covers, Pistons & Rods Nos. 4 & 5 Good

2 Valves & Gears Nos. 4 & 5 Good

3 Connecting Rods, Top Ends & Guides Side Nos. 4 & 5 Good
Centre

4 Crankpins & Bearings Side Nos. 4 & 5 Good
Centre

5 Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods

7 Connecting Rods & Top Ends

8 Crankpins & Bearings

9 Journals & Bearings

10 Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods

12 Connecting Rods & Top Ends

13 Crankpins & Bearings

14 Journals & Bearings

15 Levers

SCAVENGE BLOWERS

17 SUPERCHARGERS Nos. 4 & 5 Good

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES & HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS

24 INTERMEDIATE SHAFTS & BEARINGS Good

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.) Good (tested)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS Sea water circulating, piston & jacket, Both bilge - Good.

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? Yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is in good working order and eligible in my opinion to remain as now classed with fresh record of DBS 3-58, TS-CL 3-58 and CS with date when the survey has been completed.

Date of Committee TUESDAY 15 APR 1958

Decision *As now*
TS 3.58 DBS 3.58

30m.6.55. T. (MADE AND PRINTED IN ENGLAND.)



Noted for Header

003075-003082-0121



Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent

32 Essential Independent Pumps (Identify by position)..... Fwd. & aft oil fuel unit & Starboard fire - Good.

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls.....

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary?.....

35 Fresh Water Coolers..... 36 Lub. Oil Coolers..... 37 Heaters (state service) Aft oil fuel - Good (tested)

38 Independent Air Compressors, Coolers & Safety Devices.....

39 Air Receivers & Safety devices—Main Upper & Lower - Good..... 40 Auxiliary.....

41 Oil Fuel Tanks (Not forming part of hull structure).....

42 Evaporators Good..... 43 Have Evaporator Safety Valves been tested under steam? Yes.....

44 Steering Machinery Good..... 45 Windlass Good..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position)..... Port & Stbd. steam driven auxiliary generator engines, Forced draught fan engine - All Good.

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			l Generators & Governors
b Exciters			
c Air Coolers			m Motors
d Motors			n Switchboards & Fittings
e Air Coolers			o Circuit Breakers
f Control Gear, Cables, etc.			p Cables
g Insulation Resistance			q Insulation Resistance
h Insulating Oil Test			r Steering Gear Generators and Motors
i Overspeed Governors			s Navigation Light Indicators
j Magnetic Couplings			
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN ~~AUXILIARY~~ DONKEY ~~OF~~ ~~XXXX~~ Port 7.1.58. Stbd. 16.1.58. Both Good

Superheaters All Good

Safety Valves All Good

Mountings, Doors & Fastenings 150 p.s.i.

Safety Valves Adjusted to Sat. Good

Spt.

Boiler Securing Arrangements Exhaust Gas Heated Economisers

Main Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to Yes

Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes Forced Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Auxiliary (over 3 in. bore)

Were Copper Pipes annealed? Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Wear & Tear Repairs.

It was reported that during the last voyage, trouble was experienced with the intermediate shaft bearings running unduly hot.

At this time the screwshaft and intermediate shaft were checked in a lathe for truth. The sternbush re-wooded and bored. Oilways were cut in the intermediate bearings and the holding down bolts and chocks renewed. On completion of repairs, the alignment of the shafting was checked and found satisfactory and a satisfactory engine trial carried out.

Main engine:-

No. 5 unit crosshead bearing re-metalled.

New scrolls and roller bearings fitted to attached sea water circulating, piston & jacket cooling and both bilge pumps.

New gunmetal injection for Butterworth pump fitted, stamped :-

Tested 50 p.s.i. 7.2.58. BB. Cff.

Other sundry minor repairs carried out.

Survey fees Part CS. £30. 0. 0.

DBS. £16. 0. 0.

TS. £ 7. 0. 0.

Damage fee

Expenses... £ 5. 0. 0.

Date when A/c rendered 7.2.58

is due 10.59, now held

DBS due 1.58, now held

Docking & CS advanced

It is submitted that this vessel is eligible for THE RECORD.

TSSL 3.58

DBS 3.58

LEAVE THIS SPACE BLANK

18 APR 1958



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