

30 JUN 1958

Rpt. 9

Date of writing report 18-6-1958

Received London

Port BOMBAY

No. 12738

Survey held at BOMBAY

No. of visits 18

First date 23-4-58

Last date 17-6-1958

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 08072 Name M.V. "DINGLEDALE" Gross tons 8186 Date of build 1941 - 9

Owners The Admiralty Managers Port of Registry London

Engines made Gls By Harland & Wolff Ltd. Type 4SA 80y

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 Donkey Boilers 2 W.P. 150 lb

Surveyed Afloat or in Dry Dock BOTH

Nature of Survey DKG., CS, DBS, Sps

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

Last Report (For Head Office only)

Hull	Machinery
*100A1	*LMC CS
8-57	12-54
carrying petroleum in bulk	d
4-57	4-57
ss Gls (Dr)	TS CL
12-54	3-57

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 quoted from forward.

DOCKING Propellers Good Wear Down of Stern Bushes 3/32" Oil Glands Sea Connections Good

Fastenings Good Has Screwshaft Tubeshaft been drawn? No Date of Examination Has Shaft been changed?

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

MAIN ENGINES (Recip. Steam or I.C.)

1 Cyls., Covers, Pistons & Rods Nos. 1, 3, 5 & 6 - Good

2 Valves & Gears Nos. 1, 3, 5 & 6 - Good

3 Connecting Rods, Top Ends & Guides Centre Nos. 1, 3, 5 & 6 - Good

4 Crankpins & Bearings Centre Nos. 1, 3, 5 & 6 - Good

5 Journals & Bearings Nos. 3, 6 & 8 - Good

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

16 SCAVENGE ARRANGEMENTS - Good

17 SUPERCHARGERS

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 Good

24 INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS Good

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel is eligible in my opinion

to remain as classed with fresh records of CS (with date), DBS 6,58 and s.p.s. 6,58 subject

to the water end of the ballast pump being renewed by 6,59 (12 months limit).

6/58

TUESDAY 22 JUL 1958

Date of Committee Decision CS 6,58 subject DBS 6,58 SPS 6,58

50m,6,66. T. (MADE AND PRINTED IN ENGLAND.)

CERTIFICATE WRITTEN.

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10362-010368-0114

32 Essential Independent Pumps (Identify by position) BOTH OIL FUEL SERVICE -GOOD. BOTH OIL FUEL TRANSFER (ER & FOR'D P.R.) -GOOD
BALLAST PUMP + STAND-BY L.O. -GOOD. BILGE-GOOD. FEED & CS PUMP (PORT SIDE FOR'D) -GOOD. FEED PUMP (PORT SIDE AFT) -GOOD.
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Good
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes
35 Fresh Water Coolers (TESTED) -Good 36 Lub. Oil Coolers (TESTED) -Good 37 Heaters (state service)
38 Independent Air Compressors, Coolers & Safety Devices BOTH (OUTBOARD & INBOARD) - Good
39 Air Receivers & Safety devices—Main UPPER - Good 40 Auxiliary
41 Oil Fuel Tanks (Not forming part of hull structure) Good
42 Evaporators 43 Have Evaporator Safety Valves been tested under steam?
44 Steering Machinery 45 Windlass 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position)

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators			1 Generators & Governors Good
b Exciters			m Motors Good
c Air Coolers			n Switchboards & Fittings Good
d Motors			o Circuit Breakers Good
e Air Coolers			p Cables Good
f Control Gear, Cables, etc.			q Insulation Resistance Good
g Insulation Resistance			r Insulation Resistance Good
h Insulating Oil Test			s Navigation Light Indicators Good
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
~~MONKEY~~ MONKEY ~~DOCK~~ BOTH 9-5-1958
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to Sat. 150 psi
Boiler Securing Arrangements Good
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Yes
Funnel Good

EXAMINATION & TESTING OF STEAM PIPES (State material)
Main Auxiliary (over 3 in. bore) STEEL Good

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)
Repairs - Now done : Ballast pump - the metal in way of one discharge valve seat found badly wasted and seat very slack. A temporary repair has been effected by machining and fitting an enlarged seat. Due to the condition of the metal in this area it was recommended that the pump water end be renewed. The Owners representative states that a new water end will be put on order. This pump is considered to be at present efficient but it is recommended that it be dealt with by 6.59 (12 months limit).
Lubricating Oil Cooler - both water boxes renewed (wastage).
Donkey Boilers - 5 slack seats of steam valves renewed.

LEAVE THIS SPACE BLANK
Survey fees C.S. Rs. 2070/-
DBS Rs. 450/-
SPS Rs. 150/-
Elec. Inst. Rs. 150/-
Damage fee
Expenses Rs. 88/-
Date when A/c rendered 24-6-1958.

