

Rpt. 9

Date of writing report 18th Feb. 1957.

Received London 20 FEB 1957

Port MIDDLESBROUGH.

No. 20912

Survey held at Middlesbrough.

No. of visits 4

First date 5.2.56

Last date 8.2.57

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 79856 Name ~~XXXX~~ s.b. "TARGET" Gross tons 201 Date of build 7. 1936.

Owners Dorman Long (Chemicals)Ltd. Managers Port of Registry Middlesbrough.

Engines made Gt. Yarmouth Wm. Burrell. Type C 2Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 1SB W.P. 140 lbs.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Drydock.

Nature of Survey Part M.S., Docking.

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
BS*	6/54.	MBS*	6/54.
river service.		BS.	1/57.
ss. Mdb. 6/54.		TS(CL)	6/54.
		Sps.	6/54.

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 1/32" Oil Glands Sea Connections Good.

Fastenings Good. Has Screwshaft/Tubeshaft been drawn? Yes. Date of Examination 6/2/57. Has Shaft been changed? No.

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

MAIN ENGINES (Recip. Steam) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods All Good.

2 Valves & Gears All Good.

3 Connecting Rods, Top Ends & Guides Side All Good. Centre

4 Crankpins & Bearings Side All Good. Centre

5 Journals & Bearings All 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 BLOWERS

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) Good.

27 STEAM RE-HEATERS

28 DE SUPERHEATERS

29 STOP & MANOEUVRING VALVES Good.

30 MAIN ENGINE DRIVEN PUMPS Good. Air Pump. †

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manoeuvring? No.

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel so far as now seen is in good order and eligible in my opinion to remain as classed with fresh record of survey

Tailshaft CL 2/57 now and Engines 2/57 when the survey is completed subject to the repair to the base of the main engine driven air pump being examined by 2/58 (12 months limit).

Date of Committee THURSDAY 14 MAR 1957

Decision As now subject 5.2.57

50m, 6, 56. T. (MADE AND PRINTED IN ENGLAND.)

for Header

2021 Engineer Surveyor to Lloyd's Register of Shipping Lloyd's Register Foundation

013376-013382-0302

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

If certificate to required state where to be sent

32 Essential Independent Pumps (Identify by position) Feed pump - 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)

38 Independent Air Compressors, Coolers & Safety Devices

39 Air Receivers & Safety Devices - Main 40 Auxiliary

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

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

44 Steering Machinery 45 Windlass Good. 46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

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

MAIN AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves

Mountings, Doors & Fastenings

Safety Valves Adjusted to (Sat. Spt.

Boiler Securing Arrangements

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to

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

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

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)

† Studs fastening ME air pump to a projection from the engine bedplate found slack due to graphitisation of the casting.

Stud holes now deepened into sound metal and pump casing refastened.

It is recommended that this repair be specially examined by 2/58 (12 months limit).

Feed Pump

Steam cylinders & water chambers bored out. New buckets and pistons fitted and new valve gear bracket fitted (previously repaired.)

LEAVE THIS SPACE BLANK

Survey fees

Part M.S. £7. 0. Od.

TS(CL) £2. 0. Od.

Damage fee

Expenses

Date when A/c rendered 19th February 1957