

Rpt. 9

Date of writing report 23.4.60.

Survey held at GIBRALTAR

Received London

No. of visits 10

Port GIBRALTAR

First date 9.12.59.

Last date 8.2.60.

27 APR 1960

No. 4332

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09198 S.S. R.F.A. Tanker "EDDYBEACH". Gross tons 2157 Date of build 12-1951.
Name M.V. Owners The Admiralty. Managers Port of Registry London
Engines made Renfrew By Lobnitz & Co.Ltd., Type 3 cyl. 16" - 27 1/2" - 43 1/2" x 21"
No. of Main Engines One No. of Screws One
No. of Main Boilers Two W.P. 250 lbs.
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Both.
Nature of Survey Periodical.
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
100A1	LMC 12/55
Carrying petroleum in bulk	M 1/59
SS 12/55	OG 4/57
Docking date 7/58	

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 40/1000 ins. Oil Glands Good Sea Connections Good
Fastenings Good Has Screwshaft been drawn? Yes Date of Examination 26.1.60 Has Shaft been changed? No
Has Shaft now fitted been previously used? - Has Shaft now examined/fitted a continuous liner? No Approved oil gland? Yes.

MAIN ENGINES (Recip. Steam or I.C.) PORT
1 Cyls., Covers, Pistons & Rods HP. MP & LP. Good
2 Valves & Gears HP. MP & LP. Good
3 Connecting Rods, Top Ends & Guides Side - Good
Centre HP. MP & LP.
4 Crankpins & Bearings Side - Good
Centre HP. MP & LP. Good.
5 Journals & Bearings All

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

SUPERCHARGERS

MAIN TURBINES

16 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS (Lub. oil only)

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS

Recommended that the Boilers and Machinery be continued as Classed and are assigned following fresh records of Survey.

E.S. 2.20

MBS 1.60.

TS. (OG) 1.60.

Date of Committee

Decision

40m,3,58 T. (MADE AND PRINTED IN ENGLAND.)

If certificate is required state where to be sent

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

009920-009923-0175

32 Essential Independent Pumps (Identify by position) Steam driven dual air pump and circulating pump (Port ford.), Two feed pumps (Starb. Ford.) Gen. Service pump, Lub. oil pumps - all in good condition.
33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls Bilge pump (Starb. aft) Fire and Ballast pump (Starb. ford.) all in engine room, Oil fuel pumps and heaters in boiler room. Controls on deck. Good.
34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? Yes.
35 Fresh Water Coolers 36 Lub. Oil Coolers Good. 37 Heaters (state service) Feed Heater (Starb. Ford.) good.
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 Good 43 Have Evaporator Safety Valves been tested under steam? Yes.
44 Steering Machinery Good 45 Windlass Good 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position)
No. 1, 2 & 3 Steam driven generators - No. 1 on Port side, Nos. 2 & 3 on Starb. side, athwartship of Engine room. Steam driven circulating pump - Port side of Engine room.
All in good condition.

PROPULSION		ELECTRICAL EQUIPMENT	
		PORT	STARBOARD
a	Generators		
b	Exciters		
c	Air Coolers		
d	Motors		
e	Air Coolers		
f	Control Gear, Cables, etc.		
g	Insulation Resistance		
h	Insulating Oil Test		
i	Overspeed Governors		
j	Magnetic Couplings		
k	Air Gap		
		AUXILIARY EQUIPMENT	
		l Generators & Governors 3 - 60 kw. Generators.	
		m Motors	
		n Switchboards & Fittings Good	
		o Circuit Breakers Good	
		p Cables Good	
		q Insulation Resistance	
		r Steering Gear Generators and Motors	
		s Navigation Light Indicators Good	

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

MAIN P & S Main Boilers examined internally and externally 11.1.60. AUXILIARY, DONKEY or PRESS

Superheaters
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to { sat. 250 lbs. per sq. inch.
Spt. -
Boiler Securing Arrangements Good
Main Economisers - Exhaust Gas Heated 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 Examined 14.1.59 (Report No. 4240)

Were Copper Pipes annealed? - Auxiliary (over 3 in. bore) -
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)

Port & Starb. Boilers Cleaned, examined internally and externally 11.1.60, found in good condition.
All boiler mountings examined, found in good condition. Boilers examined in steam, safety valves floated 27.1.60. Oil fuel burning installation, remote controls and fire extinguishing equipment examined, found in good condition. Screw Shaft. Steel shaft no liner, drawn for survey - in good condition. Oil gland and rope guard in good condition. Sea Valves, and connections overhauled and placed in good condition. Propeller in good condition.

Repairs Now Done.

Main engine. All cylinders, pistons, rods, valves & gear, eccentrics, top and bottom ends, crankshaft journals and main bearings, bedplate, thrust, shaft, bearing & intermediate shaft & bearings examined - all in good condition. Main Circulating Pump Engine (New impeller shaft fitted) P & S main Weir feed pumps, oil fuel burning installations, air pumps, bilge, ballast, General service and fuel pumps opened up, examined & found in good condition. Evaporator - Safety valve tested.
Steering engine and windlass opened up and overhauled - in good condition.

LEAVE THIS SPACE BLANK

Survey fees ... £67. 0. 0.

Damage fee ...

Expenses ... £14. 0. 0.

Date when A/c rendered ...

It is submitted that this vessel is eligible for THE RECORD ES. 2/60. mfs. 1/60. TSO. 1/60. 12/5/60.

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