

- 2 JAN 1961

11 JAN 1961

Rpt. 9

Date of writing report 29/12/60.
Survey held at Hull.

Received London
No. of visits 3.

Port HULL.
First date 19/12/60 Last date 24/12/60.
No. 66472

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 60243 Name M.V. ~~XXX~~ "ESSO LEEDS" (Barge). Gross tons 170 Date of build 1956
Owners Esso Petroleum Co. Ltd. Managers - Port of Registry Hull.
Engines by Stamford. By Blackstone & Co. Ltd. Type Oil Engine 4 S.A. 4 cyl.

No. of Engines 1 No. of Screws 1
No. Main Boilers - W.P. -
No. of Aux./Donkey Boilers - W.P. -
Surve d Afloat or in Dry Dock Both.
Nature of Survey Alterations.
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
*Al oil tanker for service in the Rivers Humber & Trent also Aire & Calder Canals 10,59	*LMC 6,56 M 7,58 TSOG 6,59

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 32/1000" Oil Glands Good. Sea Connections
Fastenings Good. Has Screwshaft 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.) PORT STARBOARD

- 1 Cyls., Covers, Pistons & Rods
- 2 Valves & Gears
- 3 Connecting Rods, Top Ends & Guides (Side, Centre)
- 4 Crankpins & Bearings (Side, 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
- 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
- 24 INTERMEDIATE SHAFTS & BEARINGS
- 25 HOLDING DOWN BOLTS & CHOCKS
- 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

OPINION OF MACHINERY AND RECOMMENDATIONS
The Machinery of this vessel is eligible in my opinion to remain/as classed without fresh fresh record of Survey.

Date of Committee
Decision As you

30m,6,55. T. (MADE AND PRINTED IN ENGLAND.)

RABanko
Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation

012853 - 012860 - 0173

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).....
- 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..... 46 Fire Extinguishing Arrangements.....

AUXILIARY ENGINES (Identify by position).....

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			i 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 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)

ALTERATIONS TO STEERING GEAR:- (Please see London letter (Ship) 3/8/60-.

The existing hand steering gear has been removed and a hydraulic gear of Vickers Armstrong (Engrs) Ltd. manufacture complete with quadrant and pump driven by Hugh J. Scott 100 Volts. 1 BHP motor No. 211043 now fitted.

The gear Number 1395 marked Lloyd's Nwc. 40809 21/10/60. D.A.T. is covered by Nwc.Rpt.10 No. C71401 attached.

A suitable switch fitted to the switchboard armoured cable 7/029 between switchboard and starter and 3/036 from starter to motor. The pump being fitted starbd.side aft.of Engine room.

The gear on completion of being satisfactorily fitted, was tried under full working conditions.



LEAVE THIS SPACE BLANK

Survey fees Alters. £5. 5s.

Damage fee

Expenses... .. 6/-

Date when A/c rendered..... 10 JAN 1961



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