

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. "ESSO LEEDS" (Barge).

Gross tons 170 Date of build 1956

Owners Esso Petroleum Co. Ltd.

Managers

Port of Registry

Hull.

Engines 1 Stamford. By Blackstone & Co. Ltd.

Type Oil Engine 4 S.A. 4 cyl.

No. of Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. Main Boilers - W.P. -

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

Surveyed Afloat or in Dry Dock Both.

Nature of Survey Alterations.

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

Last Report (For Head Office only)

\*Al oil tanker for service in LMC 6,56  
the Rivers Humber & Trent also M 7,58  
Aire & Calder Canals 10,59 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 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 without fresh fresh record of Survey.

TUESDAY 14 FEB 1961

Date of Committee As above

Decision



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

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