

Rpt. 9

Date of writing report 20/9/61  
Survey held at Risør and Oslo

Received London 25. SEP. 1961  
No. of visits 2

Port Oslo No. 9361  
First date 28/6/61 Last date 11/7/61

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 10235 Name M.V. " ESSO 5 " Gross tons 703 Date of build 1945  
Owners A/S Petrolea Managers Port of Registry Oslo  
Engines made 1944 By Davey Paxman & Co. (Colchester) Ltd. Type 2 oil Engines 4SA each 12Cyl.  
180x195 mm SR geared to 2sc. shafts  
No. of Main Engines 2 No. of Screws 2  
Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -  
No. of Aux./Donkey Boilers - W.P. -  
Surveyed Afloat or in Dry Dock Floating dock  
Nature of Survey TS  
Was Damage Report issued? No Int. Cert.? Yes  
Last Report (For Head Office only)

Hull Machinery  
A-with fbd. corresponding to LMC  
a summer moulded draught of CS 9/58  
8'6" Oil tanker F.P. above 150 FT TS p. & s. 10/59.  
Coasting service Oslofjord &  
east coast to Kristiansand &  
Swedish coast to Gothenburg Trollhattan  
kanal to Vamneren.

S.S. 7/57 D.S. 7/60

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 Yes Wear Down of Stern Bushes Rebrushed Oil Glands - Sea Connections Good  
Fastenings Good Has Screwshaft Tube shaft been drawn? Yes Date of Examination 28/6/61 Has Shaft been changed? Both-Yes  
Has Shaft now fitted been previously used? No Has Shaft now examined/fitted a continuous liner? No Approved oil gland? No

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 ship, so far as now seen is in my opinion eligible to remain as classed with fresh record of TS 7/61 (N).  
Have Main Engines been tested working and manoeuvring?

Date of Committee FRIDAY 13 OCT 1961  
Decision as now TS(N) 7.61

Noted for Header

© 2021  
Engineer Surveyor to Lloyd's Register of Shipping  
P.L. Vaaheim  
Lloyd's Register Foundation  
0130472-013051-0032

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

If certificate is required state where to be sent

19/61

- 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) .....

.....

.....

PROPULSION		ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
PORT		STARBOARD			
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 .....				
	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)

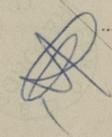
Main ..... Auxiliary (over 3 in. bore) .....

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)

Repairs:-

Both propellershafts found wasted and worn in way of bearings. Due to the fact that shaft material with Lloyd's steel certificate not could be obtained, the ship has been fitted with new propellershafts with N.V. steel certificate. A check of the material as stated in our attached rpt. 10 no. 4453, was found to comply with the results in the N.V. steel certificate.



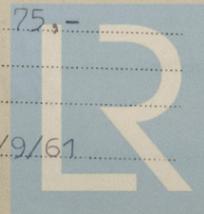
LEAVE THIS SPACE BLANK

Survey fees Kr. 125,-

Damage fee ...

Expenses .. Kr. 75,-

Date when Alc rendered 20/9/61



2021  
Lloyd's Register  
Foundation