

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.  
No. of Main Engines 2 No. of Screws 2 180x195 mm SR geared to 2sc.shfts  
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 TS p.& s. 10/59.  
Coasting service Oslofjord &  
east coast to Kristiansand &  
Swedish coast to Gothenburg Trollhattan  
kanal to Vänern.

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 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, Side  
Top Ends & Guides Centre

4 Crankpins & Side  
Bearings 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 ship, so far as now seen is in  
my opinion eligible to remain as classed with fresh record of TS 7/61 (N).

Date of Committee

Decision

50m.4,59 T. (MADE AND PRINTED IN ENGLAND)

FRIDAY 13 OCT 1961

as now

TS(N) 7.61

Noted  
for  
Header

Engineer Surveyor to Lloyd's Register of Shipping  
P.L. Vaaheim

Lloyd's Register  
Foundation

0130472-013051-0032



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

PORT

ELECTRICAL EQUIPMENT  
STARBOARD

AUXILIARY EQUIPMENT

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

Magnetic Couplings

k Air Gap

l Generators & Governors

m Motors

n Switchboards & Fittings

o Circuit Breakers

p Cables

q Insulation Resistance

r Steering Gear Generators and Motors

s Navigation Light Indicators

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.

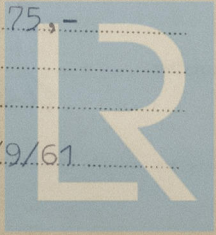
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Survey fees Kr. 125,-

Damage fee ...

Expenses .. Kr. 75,-

Date when A/c rendered 20/9/61



2021

Lloyd's Register  
Foundation