

Rpt. 9

Date of writing report 22. 9. 57

Survey held at SINGAPORE

Received London

2 SEP 1957

Port SINGAPORE

No. of visits

First date

Last date

No. 12137

17. 9. 57

## REPORT OF PERIODICAL SURVEYS &amp; REPAIRS OF MACHINERY

No. in R.B. 59221 Name M.V. M. Tanker "ERINNA" Gross ton 6209 Date of build 1936-7  
Owners N.V. PETROLEUM MAATS "LA CORONA" Managers SHELL TANKERS N.V. Port of Registry THE HAGUE  
Engines made 1936-7 By N.V. WERKSPoor Type Oil Eng. 4SA 6Cy. *Redford*

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers - W.P. -

No. of ~~K&N~~ Donkey Boilers 16b W.P. 1801bSurveyed Afloat or in Dry Dock *Good*Nature of Survey *CS.*Was Damage Report issued? *No* Int. Cert. *Yes*

Last Report (For Head Office only)

Records of Survey &amp; Special Notations as per Register Book

Hull	Machinery
+100A1	+LMC CS 6,53
carrying petroleum in bulk	DBS 5,56
Dkg. 5,56	TS(CL) 5,56
SS.Rot. 6,53	Sps. 6,53
	Mchy. aft

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 entered 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 Wear Down of Stern Bushes Oil Glands Sea Connections  
Fastenings Has Screwshaft/Tubeshaft been drawn? 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 No. 4. - *Good*2 Valves & Gears No. 4. - *Good*

3 Connecting Rods, Top Ends &amp; Guides Side

Centre

4 Crankpins &amp; Bearings Side

Centre

5 Journals &amp; Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons &amp; Rods

7 Connecting Rods &amp; Top Ends

8 Crankpins &amp; Bearings

9 Journals &amp; Bearings

10 Coolers &amp; Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons &amp; Rods

12 Connecting Rods &amp; Top Ends

13 Crankpins &amp; Bearings

14 Journals &amp; Bearings

15 Levers

16 SCAVENGE BLOWERS

17 SUPERCHARGERS

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings &amp; Thrusts

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

20 STEAM COMPRESSORS

21 CLUTCHES &amp; HYDRAULIC COUPLINGS

22 REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS &amp; BEARINGS

24 INTERMEDIATE SHAFTS &amp; BEARINGS

25 HOLDING DOWN BOLTS &amp; CHOCKS

26 CONDENSERS (MAIN &amp; AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP &amp; MANOEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS &amp; EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring? *No.*

OPINION OF MACHINERY AND RECOMMENDATIONS

*The machinery of this vessel is in my opinion**is eligible to remain as shown with fresh record of CS. (with date)**which the survey has been completed, subject to all conditions at**present attached to records thus being dealt with as previously recommended.*

TUESDAY - 5 NOV 1957

Date of Committee

Decision *As above, subject*

30m.6.55. T. (MADE AND PRINTED IN ENGLAND.)

Noted for leader

© 2020  
Engineer Surveyor to Lloyd's Register of ShippingLloyd's Register  
Foundation

002858-002869-0011



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)

Table with 4 columns: PROPULSION, PORT, STARBOARD, ELECTRICAL EQUIPMENT, and AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, Air Gap, and various auxiliary equipment like Generators & Governors, Motors, Switchboards & Fittings, etc.

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)

Repair No. 1:- Main Engine. No. 4. cylinders and cone renewed on account of leakage from cylinder cone joint and excessive cylinder wear. Piston land red removed for fire conditioning and new spars fitted.

Identification Marks:-
Cylinders & cone. - N. 4660. Tested 75 Atm. NBP. 13. 4. 38.
Piston - Lloyd's 18382 KK. 7. 7. 53.
Piston Rod. - Lloyd's. NBP. 13. 4. 35. JL. 9860. 22. 7. 35.

SRL - Item "Electricity circuits in midship accommodation to allow to Rules at first opportunity" - nothing done at this time.

LEAVE THIS SPACE BLANK

Survey fees ... CS. \$ 75.
Damage fee ...
Expenses... Ins. \$ 5.

Date when A/c rendered 22/8/57