

Rpt. 9

Date of writing report 22.9.57

Survey held at SINGAPORE

Received London

2 SEP 1957

Port SINGAPORE

No. 12137

No. of visits

First date

Last date

17.9.57

REPORT OF PERIODICAL SURVEYS & 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. WERKSPOR Type Oil Eng. 4SA 6Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers - W.P. -

No. of K&K/Donkey Boilers 1a b W.P. 1801b

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey CS.

Was Damage Report issued? No Int. Cert. 1

Last Report (For Head Office only)

Records of Survey & 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

12092 - Sing.

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 & Guides	Side	
	Centre	
4 Crankpins & Bearings	Side	
	Centre	
5 Journals & Bearings		

MAIN ENGINE DRIVEN AIR COMPRESSORS

- Cyls., Covers, Pistons & Rods
- Connecting Rods & Top Ends
- Crankpins & Bearings
- Journals & Bearings
- Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

- Cyls., Covers, Pistons & Rods
- Connecting Rods & Top Ends
- Crankpins & Bearings
- Journals & Bearings
- Levers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

- Casings, Rotors, Blading, Bearings & Thrusts

- EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
- STEAM COMPRESSORS
- CLUTCHES & HYDRAULIC COUPLINGS
- REDUCTION GEARING
- THRUST BLOCKS, SHAFTS & BEARINGS
- INTERMEDIATE SHAFTS & BEARINGS
- HOLDING DOWN BOLTS & CHOCKS
- CONDENSERS (MAIN & AUX.)
- STEAM RE-HEATERS
- DE-SUPERHEATERS
- STOP & MANOEUVRING VALVES
- MAIN ENGINE DRIVEN PUMPS
- CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

OPINION OF MACHINERY AND RECOMMENDATIONS

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

TUESDAY - 5 NOV 1957

Date of Committee

Decision As above, subject

W. Lee Sing

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

Noted for leader



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).....

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			i 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			
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)

Repair Note:- Main Engine. No. 4. cylinders and cover removed on account of leakage from cylinders/cover joint and excessive cylinder wear. Piston land red removed for re-conditioning and new spars fitted.

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

SPL. - Item "Electrical circuits in midship accommodation to alter to Rules at first opportunity" - nothing done at this time.

LEAVE THIS SPACE BLANK

Survey fee ... *CS. \$ 75.*

Damage fee ...

Expenses... *Ins. \$ 5.*

Date when A/c rendered... *22/8/53*



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