

Rpt. 9

Date of writing report 10-10-57

Survey held at SINGAPORE

Received London

No. of visits ONE

21 OCT 1957

Port SINGAPORE

First date AND

Last date 3-10-57

No. 12220

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 19330 S.S. Name M.V. TM. Tanker "MALVINA" Gross tons 8245 Date of build 1932-1  
 Owners N.V. PETROLEUM MAATS "LA CORONA" SHELL BANKERS N.V. Port of Registry THE HAGUE  
 Engines made 1932-1 By N.V. WERKSPHOOF Type Oil Eng. TS. 4SA each 5 Cy.  
 No. of Main Engines 2 No. of Screws 2  
 No. of Main Boilers - W.P. -  
 No. of A.K./Donkey Boilers 2db W.P. 150 lb  
 Surveyed Afloat or in Dry Dock Afloat  
 Nature of Survey CONDITION OF BUSHES  
 Was Damage Report issued? Int. Cert. 1157  
 Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100al carrying petroleum in bulk	+IMG CS 3,57
Dkg. 2,57	DBS 3,57
SS.H.Kg.(Dr) 3,57	TS(CL)p&S 5,56
	Sps. 5,56
	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 thereon 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.

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

- 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
- 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 so far as now seen is in safe working condition eligible in my opinion to remain as licensed without fresh record of survey & without special condition re the standby air compressor 1st stage intercooler casing.

TUESDAY 29 OCT 1957

Date of Committee

Decision

As new, subject

DCB



Write Ret (rdh)

If certificate is required state where to be sent.

29 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..... at Lub. Oil Coolers..... 37 Heaters (state service).....  
 38 Independent Air Compressors, Coolers & Safety Devices.....  
 39 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..... 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.....			
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)

CONDITION OF CLASS.  
 Standby air compressor 1<sup>st</sup> stage intercooler casing renewed at this time & tested under working conditions. It is recommended that this item be now deleted from the S.R. list.

NOTE:- This ship's machinery was originally fitted with an <sup>air</sup> compressor on each main engine when the engine fuel system was of the direct injection type. The main engine compressors have been removed and only one air compressor remains on the ship, this being the standby compressor mentioned above. The machinery, therefore, does not appear to conform to Chapter 4 (209) of the Rules.

LEAVE THIS SPACE BLANK

Survey fees \$ 50. Repairs.  
 Damage fee.....  
 Expenses.....

Date when A/R rendered 10/10/57