

Rpt. 9 MRS

Date of writing report 3-8-59
Survey held at Rotterdam

Received London
No. of visits 2

Port of R.O.T.T.E.R.D.A.M. No. 47784
First date 22-7-59 Last date 23-7-59

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 14936 S.S. "HYALINA" Gross tons 12267 Date of build 1948-2
Name M.V. Port of Registry London
Owners Shell Petroleum Co. Ltd. Managers
Engines made 1948 By B.T.H. Comp. Ltd. Type 2 steam turb. M.N. 2340

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 3 WTB W.P. 450 lbs. Spt. 440 lbs
H.S. " " 20685
No. of Donkey Boilers 1 W.P. 180 lbs
Surveyed Afloat or in Dry Dock drydock
Nature of Survey Condition and Part E.S.
Was Damage Report issued? no Int. Cert.? attached
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+100A1 oil tanker	+L.M.C. CS 2-57
S.S. Shl. 12-55	M. Blr. S. 3-59
Dock 3-59	d 3-59
	T.S. 12-57 C.I.
	Sps 11-54
	OF 2-48

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/ good Wear Down of Stern Bushes/ 1,6 mm. Oil Glands/ Sea Connections good
Fastenings good Has Screwshaft been drawn? no 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 is in good condition and eligible in my opinion to remain as classed, subject to propeller being re-examined before re-commissioning and to renew, before re-commissioning main high inlet valve port E.R., portside overboard discharge of main condenser and both port and starboard overboard discharges of auxiliary condenser.

Date of Committee

Decision

THURSDAY - 3 SEP 1959

As now subject

40m, 4, 57. T. (MADE AND PRINTED IN ENGLAND.)

Noted for reader

Engineer Surveyor to Lloyd's Register of Shipping

J. Baart

003479-003486-0190

Has a 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

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	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators.....			l Generators & Governors.....
b Exciters.....			
c Air Coolers.....			m Motors.....
d Motors.....			
e Air Coolers.....			n Switchboards & Fittings.....
f Control Gear, Cables, etc.....			o Circuit Breakers.....
g Insulation Resistance.....			p Cables.....
h Insulating Oil Test.....			q Insulation Resistance.....
i Overspeed Governors.....			r Steering Gear Generators and Motors.....
j Magnetic Couplings.....			s Navigation Light Indicators.....
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)

Wear and tear damage: At Owners request examined seaconnections.

It was stated this vessel will be laid up in London and although no objection should be taken during laid up period, it was recommended to renew the following seaconnections before re-commissioning vessel.

Main high inlet valve in Port Engine Room.

Overboard discharge of main condensor portside.

Both port and starboard overboard discharges of auxiliary condensor.

It was also recommended to re-examine propeller before re-commissioning, found bladetips eroded by tation and one previously repaired blade found eroded along runs of welding.

LEAVE THIS SPACE BLANK

Survey fees Part E.S. fl. 85,--

Damage fee ...

Expenses... fl. 7,--

Date when A/c rendered 10 AUG 1959

© 2020

Lloyd's Register Foundation