

Rpt. 9

110 FEB 1958

Date of writing report 5th February, 1958 Received London Port Falmouth No. 13170
Survey held at FALMOUTH No. of visits 1 First date and Last date 31st January, 1958

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 21558 Name M.V. "NACELLA" Gross tons 8196 Date of build 1943 - 6
Owners Shell Petroleum Co. Ltd. Managers - Port of Registry London
Engines made 1943 By Harland & Wolff Ltd. Type 4SA 6cy.

No. of Main Engines 1 No. of Screws 1
No. of Main Boilers none W.P.
No. of Aux./Donkey Boilers 2 W.P. 180 lbs:
Surveyed Afloat or in Dry Dock Drydock
Nature of Survey CS
Was Damage Report issued? No Int. Cert.? Yes
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
100 A1	LMC-CS 6,56
6,57	d 7,57
ss. Shl (DR) 6,56	TS(CL) 6,57
	SPS 6,56
Carrying Petroleum in Bulk	Oil Engine

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 appears good Oil Glands none Sea Connections
Fastenings good Has Screwshaft Tubeshaft 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 (not examined) STARBOARD
1 Cyls., Covers, Pistons & Rods No.1 cylinder head † at this time

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

SCAVENGE BLOWERS
16
SUPERCHARGERS
17

MAIN TURBINES
18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
19
STEAM COMPRESSORS
20
CLUTCHES & HYDRAULIC COUPLINGS
21
REDUCTION GEARING
22

THRUST BLOCKS, SHAFTS & BEARINGS
23
INTERMEDIATE SHAFTS & BEARINGS
24
HOLDING DOWN BOLTS & CHOCKS
25
CONDENSERS (MAIN & AUX.)
26
STEAM RE-HEATERS
27
DE-SUPERHEATERS
28

STOP & MANOEUVRING VALVES
29
MAIN ENGINE DRIVEN PUMPS
30
CRANKCASE DOORS & EXPLOSION RELIEF DEVICES
31

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel as now seen is in good condition and eligible in my opinion to remain as classed with fresh record of CS with date when the survey is completed, subject to main engine No.1 cylinder head (Metalock repair) being specially examined before the end of January, 1959 as previously recommended.

Date of Committee MONDAY 10 MAR 1958
Decision As usual, subject

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P.T.O.

- 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	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)

*The Class is subject to Main Engine No 1 cylinders head (metalwork repaired) being specially examined by end of January 1959.
Boehring.*

It is submitted that this vessel is eligible to remain as CLASSED. Subject as above.

LEAVE THIS SPACE BLANK

Handwritten initials and date: H.D. 3.3.58

Survey fees ... None

Damage fee

Expenses... ..

Date when A/c rendered.....

