

Rpt. 9

Date of writing report 6-10-60

Received London

Port SINGAPORE.

No. 14275

Survey held at SINGAPORE.

No. of visits 4

First date 23-9-60

Last date 5-10-60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 73318 Name M.V. "NERITINA"

Gross tons 8222 Date of build 12-1943

Owners SHELL TANKERS LTD.

Managers

Port of Registry LONDON.

Engines made 12-1943 By HARLAND & WOLFF LTD.

Type Oil engine 4SA 80y.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of Donkey Boilers 2db W.P. 180 lb.

Surveyed Afloat or in Dry Dock Both

Nature of Survey Dkg. CS & ABS

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

Hull	Machinery
+100A1 oil tanker.	+LMC CS 7/57
Dkg.	DBS 9/59
SS (Dr).	TSCL 8/58
	SPS 12/56

Yes

Now

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 1/8" Oil Glands - 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
1 Cyls., Covers, Pistons & Rods Nos. 5 & 7 - Good.
2 Valves & Gears Nos. 5 & 7 - Good.

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 ship, so far as now seen is eligible in our opinion to remain as classed with fresh records of ABS 10.60 now and GS (with date) on completion.

Date of Committee TUESDAY 22 NOV 1960

Decision ABS 10.60

50m.4.59 T. (MADE AND PRINTED IN ENGLAND)

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Lloyd's Register
Foundation

003307-003310-0023

32 Essential Independent Pumps (Identify by position) Aft Boiler oil service - Good.

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)

Starboard Forward (diesel) - Good.

PROPULSION	PORT	ELECTRICAL EQUIPMENT	
		STARBOARD	AUXILIARY EQUIPMENT
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			
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 & PRESS Both 26-9-60 - Good.

Superheaters

Safety Valves

Good

Mountings, Doors & Fastenings

Good

Safety Valves Adjusted to { Sat.
Spt.

180 lbs/sq ins.

Boiler Securing Arrangements

Good

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? Yes

Forced Circulating Pumps

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

Funnel Good

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)

Repairs W & T.

Main Engine No.5 cylinder liner cover and piston head now renewed from vessels tested spares.

Forward (diesel) Auxiliary engine - Crankshaft found excessively worn and now renewed together with all 4 pistons and gudgeon. Crankpin and main journal bearings. New Crankshaft stamped :- LLOYDS 10533 NOT 13-6-56 JBT.

Oil fuel service pump (aft) steam cylinder rebored and new piston fitted.

Survey fees ABS \$240
C.S. \$100

Damage fee

Expenses ..

\$ 20

Date when A/c rendered

13/10/60

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It is submitted that this
vessel is eligible for THE
RECORD A 35. 10/60.

LEAVE THIS SPACE BLANK

Noted
for
Header

A.S. returned.
Abs. due 9/60, not held.
Docking, repairs -
Some repairs to main engine
& auxiliary (oil) engine.