

Rpt. 9

Date of writing report August 22, 1958

Received London

15 SEP 1958

Port Baltimore

No. 11465

Survey held at Baltimore, Md.

No. of visits 5

First date Aug. 12th 1958 Last date Aug. 20th 1958

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.E. 75193 S.S. Name ~~CLYX~~ "PINNACLES"

Gross tons 10641 Date of build 1944

Owners Shell Canadian Tankers, Ltd.

Managers -

Port of Registry MONTREAL

Engines made 1944 By General Electric Co., Lynn, Mass.

Type Steam turbine connected to elec. motor & sc. shaft.

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 2 WT. W.P. 500 lbs. Spt.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Both

Nature of Survey DS., MBS, Sps.

Was Damage Report issued? - Int. Cert.? Yes.

Last Report (For Head Office only)

Hull	Machinery
BS	MBS
DS	ES
SS (DR) (Nyk.)	MBS
tanker - oils FP below 150°F.	TS (CL)
	Sps.

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 5/32 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 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) good & tested

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? Yes.

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen is in good order, eligible in my opinion to remain as now classed with fresh records of MBS. 8,58 & Sps. 8,58.

Date of Committee

NEW YORK SEP 3 1958

Decision

As now. MBS 8.58. Sps. 8.58.

Printed for Header

Lloyd's Register of Shipping Foundation

013033-013041-0113

If so, is the Report sent now, or when will it be sent?

If certificate is required state where to be sent.

TABLE 1

PARTS OF THE SHIP AS INDICATED BELOW HAVE BEEN EXAMINED FOR Docking & Annual Freeboard Survey SURVEY

32 Essential Independent Pumps (Identify by position) Both Main Feed Pumps - 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 Both good & tested Heaters (state service) 1st Stage - good
 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 good

AUXILIARY ENGINES (Identify by position)

PROPULSION	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
	PORT	STARBOARD	
a Generators			l Generators & Governors
b Exciters			m Motors
c Air Coolers good & tested			n Switchboards & Fittings
d Motors			o Circuit Breakers
e Air Coolers good & tested			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 Port & Starboard, good. August 15th 1958 AUXILIARY, DONKEY or PRESS
 Superheaters good
 Safety Valves good
 Mountings, Doors & Fastenings good
 Safety Valves Adjusted to { Sat. 500 P.S.I.
 Spt. 475 P.S.I.
 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

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main Steel - good Auxiliary (over 3 in. bore) Steel - good
 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 where subjects of class)

Repairs, Wear & Tear: - Main Boilers

The following tubes were renewed, Port Boiler:-

112 @ 1 1/4", 112 @ 2", 4 side wall & 4 rear wall.

Starboard Boiler-

112 @ 1 1/4", 112 @ 2", & 4 side wall. Both Boilers subsequently hydraulically tested to 500 P.S.I. and proved tight.

The Owners have renewed the gears on the 525 KW. inboard generator, gears marked as follows: -

Main Gear. 439, 10-9-49, K 3282 & K 5156-4 A.B. H.T.

Pinion 147, 7-7-49, K 3269, A.B. L.O. (Certificates attached).

Generator tested under working conditions, All in good order.

60 SEP 1958



LEAVE THIS SPACE BLANK



MBS Survey fees \$110.00
 S.P.S. \$50.00
 Repairs \$40.00
 Late Att. \$36.00
 Expenses... \$13.00



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Date when A/c rendered. 28-8-58

Handwritten notes: S.P.S. M.B.S. 24