

REC'D NEW YORK MAR 14 1960

13 APR 1960

Rpt. 9

Date of writing report March 9, 1960

Received London

Port JACKSONVILLE, FLORIDA

No. 2302

Survey held at Jacksonville, Florida

No. of visits 6

First date Feb 9, 1960

Last date Feb 24, 1960

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 27480 Name S.S. "RINCON HILLS"

Gross tons 10,635 Date of build 1945

Owners Canadian Shell Tankers, Ltd.

Managers

Port of Registry Montreal

Engines made 1945 By Elliot Co.

Type Steam turb. conn. to electric 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 W.P. 500 lbs. Spt.

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

Kept Afloat or in Dry Dock

Area of Survey DS, MBS, TS & part ES

Damage Report issued? No Int. Cert.? Yes

Report (For Head Office only)

Hull	Machinery
BS Oil Tanker	MBS
SS (Dr) 12-56	ES 11-55
DS 2-59	MBS 2-59
	CL 12-56
	SPS 12-56

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 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 REWOODED Oil Glands Sea Connections GOOD

Fastenings GOOD Has Screwshaft/Tubeshaft been drawn? YES Date of Examination Feb 11, 1960 Has Shaft been changed? NO

Has Shaft now fitted been previously used? Has Shaft now examined / fitted a continuous liner? YES Approved oil gland?

MAIN ENGINES (Recip./Steam or I.C.) Turbo-Electric PORT / STAYBOARD /

Cyls., Covers, Pistons & Rods

Valves & Gears

Connecting Rods, Top Ends & Guides Side Centre

Crankpins & Bearings Side Centre

Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Coolers & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

1 Cyls., Covers, Pistons & Rods

2 Connecting Rods & Top Ends

3 Crankpins & Bearings

4 Journals & Bearings

5 Levers

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

8 Casings, Rotors, Blading, Bearings & Thrusts GOOD

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

23 THRUST BLOCKS, SHAFTS & BEARINGS GOOD

INTERMEDIATE SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.) GOOD

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

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 and efficient condition and eligible, in my opinion, to remain as now classed with fresh record of MBS 2-60 and TS (CL) 2-60.

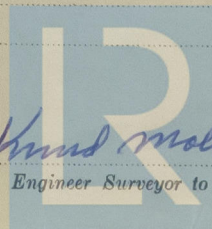
Date of Committee

Decision

NEW YORK

MAR 22 1960

Deferred for comp ES
but apply MBS 2.60
TS(CL) 2.60



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Lloyd's Register
Foundation

If certificate is required state where to be sent.

003659-003670-0052

32 Essential Independent Pumps (Identify by position) Two coffin feed pumps - Good, Deareator - 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 Good 37 Heaters (state service) 2nd Stage Feed - tested - Good

38 Independent Air Compressors, Coolers & Safety Devices Three O.F. Heaters - tested - Good

39 Air Receivers & Safety devices—Main 40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure)

42 Evaporators (2) Good 43 Have Evaporator Safety Valves been tested under steam? Yes

44 Steering Machinery Good 45 Windlass Good 46 Fire Extinguishing Arrangements Good

AUXILIARY ENGINES (Identify by position)

PROPULSION		ELECTRICAL EQUIPMENT	
		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 Governor	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 P.&S. February 18, 1960 - Good

AUXILIARY, DONKEY or PRESS

Superheaters GOOD

Safety Valves GOOD

Mountings, Doors & Fastenings GOOD

Safety Valves Adjusted to { Sat. 500 lbs.
Spt. 470 lbs.

Boiler Securing Arrangements GOOD

Main Economisers GOOD

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 GOOD

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)

P. & S. MAIN BOILER: Watersides & firesides cleaned for examination. All mountings ground in and closed in GOOD ORDER. Total of 19 tubes in port boiler and 27 tubes in stbd. boiler renewed this time. Upon completion of repairs, boilers hydrostatic tested and proven tight. Safety valves set under steam.

PART MACHINERY SPECIAL SURVEY: The following items were opened up for examination this time and, in my opinion, they may be credited towards the Special Survey. Main propulsion turbine, mainthrust, propulsion motor, oil fuel heaters (3), 2nd stage feed water heater, deareator, coffin feed pumps (2), lube oil coolers, main motor air cooler, main generator air cooler and evaporators (2).
MAIN PROPULSION MOTOR: One defective stator coil renewed.

A number of various minor repairs and adjustments effected.

Upon completion, satisfactory dock trial performed.

LEAVE THIS SPACE BLANK

Survey fees MBS \$14.00

TS 40.00

part ES 100.00

Damage fee

Expenses

Date when A/c rendered March 9, 1960

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Noted - TS (4) 21.60
MBS 21.60
ES commenced 21.60
To complete ES
the steam 98.40
renewed