

Rpt. 9

Date of writing report Feb 4, 58

Received London

Port New York

No. 56577

Survey held at Bayonne

No. of visits 1

First date 9

Last date Jan 24, 58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 1428 Name S.S. "IMPERIAL EDMONTON" Gross tons 10702 Date of build 1944

Owners Imperial Oil Ltd - Marine Division Managers Westinghouse Elec & Mfg. Co. Port of Registry MONTREAL

Engines made Pbg. By Westinghouse Elec & Mfg. Co. Type STEAM TURBINES

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. 500K

No. of Aux./Donkey Boilers 1 W.P. 150°F

Keel Afloat or in Dry Dock Afloat

Time of Survey Repairs to Steam Boilers

Damage Report issued? Yes Int. Cert.? Yes

Last Report (For Head Office only)

Hull	Machinery
<u>BS tanker - oil</u>	<u>MBS</u>
<u>150°F</u>	<u>11-55</u>
<u>11-57 Bcl. 257</u>	<u>M 2-57 11-57</u>
<u>S.S. N.Y.K.</u>	<u>11-55 TS (CL)</u>
	<u>S.P.S.</u>
	<u>6-56</u>
	<u>12-54</u>

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 Wear Down of Stern Bushes Oil Glands Sea Connections

Fastenings Has Screwshaft/Tubeshaft been drawn? 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

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, SO FAR AS SEEN, IS ELIGIBLE IN MY OPINION TO REMAIN AS CLAIMED WITHOUT FRESH RECORD.

Date of Committee NEW YORK FEB 11 1958

Decision As now



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	PORT	STARBOARD	ELECTRICAL EQUIPMENT	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.....				
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)

REPAIRS WEAR & TEAR: THREE 2" FIRE SCREEN TUBES IN STARBOARD BOILER FOUND BUSTED & FRACTURED HERE REMOVED AND NEW TUBES FROM SHIPY STOCK WERE INSTALLED. ON COMPLETION OF REPAIRS THE BOILER WAS TESTED HYDROSTATICALLY TO THE W.P. AND FOUND TIGHT.

17 MAR 1958

FOR RECORDS TO NOTE

LEAVE THIS SPACE BLANK

Survey fees ... \$ 25.00

Damage fee

Expenses... ..

Date when A/c rendered... Feb. 7, 1958

