

Rpt. 9

REC'D NEW YORK DEC 16 1957

124 JAN 1958

Date of writing report 21st. Nov. 1957

Received London

Port Baltimore, Md.

No. 11276

Survey held at Baltimore, Md.

No. of visits 5

First date 6th. Nov.

Last date 19th. Nov. 1957

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 11278 Name ~~XXXX~~ "EMPERIAL EDMONTON"

Gross tons 10702 Date of build 1944

Owners Imperial Oil Ltd., Main Division. Managers W.R. Smeltzer

Port of Registry Montreal

Engines made 1944 By Westinghouse Elec. & Mfg. Co.

Type Stm. 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 W.P. 500 lbs.

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey D.S.

Was Damage Report issued? Int. Cert.?

Last Report (For Head Office only)

Hull		Machinery	
BS	2-57	MBS	ES 11-55
SS	11-55	BSM	2-57
		TSCL	6-56
		s.p.	12-54
		tanker-oils F.P. below 150°F.	

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 3/16" Oil Glands - Sea Connections good
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.) Aux-good.

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 now seen is in good & safe working condition and eligible in my opinion to be continued as classed and it is recommended that the record of M.B.S. 11-57 be made & the record of C.S. (with date) when the survey has been completed.

Date of Committee

Decision As now. MBS 11-57.

NEW YORK DEC 26 1957

Engineer Surveyor to Lloyd's Register of Shipping

013397-013402-0032

If certificate is required state where to be sent

TABLE 1

32 Essential Independent Pumps (Identify by position)..... main condensate P.& S, fuel oil transfer P.&S. fuel oil service
ford & aft. aft pump room bilge pump.

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)..... Fuel Oil- good.

38 Independent Air Compressors, Coolers & Safety Devices..... Main-good, aux.- good.

39 Air Receivers & Safety devices—Main..... good..... 40 Auxiliary..... good

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..... good..... 46 Fire Extinguishing Arrangements..... good

AUXILIARY ENGINES (Identify by position)..... Inboard (no.1) turbo-generator, good.

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators				l Generators & Governors.....Inboard generator-good.
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 port & starboard- good..... AUXILIARY, DONKEY or PRESS.....

Superheaters..... good.....

Safety Valves..... good.....

Mountings, Doors & Fastenings..... good.....

Safety Valves Adjusted to { Sat. 475 lbs.) Set at request of owners
Spt. 460 lbs.) to conform with Canadian Steamboat Inspection rules.

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 Effected W.& T.- Port Boiler- 4 near water wall tubes & 1 side wall tube renewed

Starb. Boiler- 2 " " " " " " " " " "

Mountings ground in & repacked.

Main turbine journals & bearings opened up & examined

Inboard aux. generator motor removed to shop, cleaned by fly ashing & rebalanced.

Main and aux. air. ejectors opened up, examined & found good

Gland seal ejector examined & found good.

Sea valves opened up, ground in & repacked.

Fire extinguishing Co. cylinders weighted & recharged where necessary.

It was stated by the owners representative Mr. F.G. Landals that the vessel is on continuous Survey for machinery.

8

5000

6 FEB 1958

LEAVE THIS SPACE BLANK

Survey fees B.S., C.S. & Rprs. \$150.00

Damage fee.....

Expenses... \$11.00

Date when A/c rendered 14/2/57

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