

REC'D NEW YORK JUL 18 1962

23 JUL 1962
No. 8499.

2. Received London
No. of visits 3.

Port Newport News, Va.
First date 8 June Last date 15 June 1962.

PERIODICAL SURVEYS & REPAIRS OF MACHINERY

"CA" (Ex "Esso Southampton") Gross tons 23,457 Date of build 1958 - 12
Managers --- Port of Registry Panama.
Type Cross Compound Steam Turbine
Records of Survey & Special Notations as per Register Book

Hull	Machinery
*10001 "Oil Tanker" Docking 4-61	*LMC. Engines 12-58 Boilers M. 4-61 Tail

DISCLOSED
SECTION

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 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 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 Examination 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.

1. Propellers Wear Down of Stern Bushes Oil Glands Sea Connections
2. Has Screwshaft/Tubeshaft been drawn? Date of Examination Has Shaft been changed?
3. 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

SCAVENGE BLOWERS

SUPERCHARGERS

MAIN TURBINES

- 18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

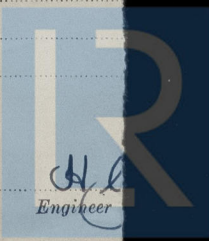
CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship so far as now examined is eligible in my opinion to remain as Classed, without fresh record of survey, subject to the center forced draft fan motor controller being permanently repaired by the September 1962.

NEW YORK JUN 27 1962
Date of Committee
Decision AS LOW, Subject.

Noted
for
Header



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- 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.....
- 35 Fresh Water Coolers..... 36 Lub. Oil Coolers.....
- 38 Independent Air Compressors, Coolers & Safety Devices.....
- 39 Air Receivers & Safety devices—Main.....
- 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 Extinguishers.....

AUXILIARY ENGINES (Identify by position).....

PROPULSION	PORT	STARBOARD	ELECTRICAL EQUIPMENT	AUXILIARY EQUIPMENT
a Generators.....				l Generators & Governors.....
b Exciters.....				m Motors Port, center and Stbd. for fans good.....
c Air Coolers.....				n Switchboards & Fittings.....
d Motors.....				o Circuit Breakers.....
e Air Coolers.....				p Cables.....
f Control Gear, Cables, etc.....				q Insulation Resistance..... Item "M" Good.
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.....
Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?.....	Funnel.....

INSPECTION & TESTING OF STEAM PIPES (State material)

.....	Auxiliary (over 3 in. bore).....
.....	Have Saturated Pipes in cylindrical boiler smoke boxes been tested?.....

RECORD 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)

Engine Room Distribution Power Panel BP 2/4 7 Circuit.

Stated to have been damaged by fire whilst on a voyage from Amoy Bay to Yorktown, Va., June 2nd 1962.

NOW DONE:

New circuit breaker supplied by Owners installed.

Panel completely cleaned, reinsulated, rewired, and placed in good order.

Wear & Tear Repairs

The Chief Engineer reported difficulties with all three Boiler Forced Draft Blower motors and controllers.

Megger readings taken at this time were found to be dangerously low, and a visual inspection showed all windings to be covered with a grease like substance.

NOW DONE:

All three motors disconnected and removed ashore to the electrical shop, completely opened up and cleaned.

Internal phase leads and cord lashings renewed.

Survey fees ... \$95.00

Damage fee ... \$17.00

Expenses...

Date when A/c rendered June 15th, 1962.

REC'D NEW YORK JUL 13 1962

Rpt. 9a Contⁿ. Sheet

Continuation of ~~Ship~~/Mchy. Report No. 8499.

23 JUL 1962

Port of Newport News, Va.

Continuation of Report No.

dated June 15, 1962.

on the

on the S.S. ~~Atxx~~ "ESSO JAMAICA" (Ex"Esso Southampton")

Motors baked in oven, insulation resistance checked and found satisfactory,
revarnished, reassembled and returned to ship.

Motors set up in true alignment and dowelled in position.

Holding down bolt holes reamed true and new fitted bolts installed.

All tested under working conditions and after eight hours running temperatures
and insulation resistances checked and found to be good.

Port and starboard controllers completely overhauled and placed in good order.

Center Controller A temporary circuit breaker fitted for operation on low
speed only as an emergency measure, until spare parts are available to effect
permanent repairs.

NOTE: This plant can operate on three quarter power using one fan only.

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