

Rpt. 9

Date of writing report 1st March, 1957

Survey held at Baltimore, Md.

Received London

No. of visits 5

Port Baltimore, Md.

First date 14th Feb.

Last date 20th Feb. 1957

No. 11051

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 78699 Name ~~NEW~~ "STAR"

Owners Star Steamship Corp.

Managers

Gross tons 7162

Date of build 9-1944

Engines made 1944

By Dominion Eng. Wks. Ltd.

Port of Registry MONROVIA

Type T. 3 Cy.

Records of Survey & Special Notations as per Register Book

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 WTB W.P. 250 lb.

No. of Aux./Donkey Boilers 1 W.P. 230 lb.

Surveyed Afloat or in Dry Dock In Drydock

Nature of Survey Part Machy. Survey & BS.

Was Damage Report issued? NO Int. Cert. Yes

Last Report (For Head Office only)

Hull		Machinery	
+100A1	4,56	+LMC	3,53
SS	Jck. 3,53	BS	4,56
		CL	3,56
		Stm. Pps.	3,53

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 1/8" 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

Cyls., Covers, Pistons & Rods

Valves & Gears H.P. ahead eccentric, H.P. & M.P. valves - good

Connecting Rods, Top Ends & Guides Side Centre

Crankpins & Bearings Side Centre

Journals & Bearings No. 1,2,3,4,5 & 6 good

~~MAIN ENGINE DRIVEN AIR COMPRESSORS~~

~~Cyls./Covers/Pistons & Rods~~

~~Connecting Rods & Top Ends~~

~~Valves & Gears~~

~~Journals & Bearings~~

~~Cyls./Covers/Pistons & Rods~~

~~MAIN ENGINE DRIVEN SCREW SHAFT PUMPS~~

~~Cyls./Covers/Pistons & Rods~~

~~Connecting Rods & Top Ends~~

~~Valves & Gears~~

~~Journals & Bearings~~

~~Cyls./Covers/Pistons & Rods~~

~~MAIN ENGINE DRIVEN PUMPS~~

~~Cyls./Covers/Pistons & Rods~~

~~Connecting Rods & Top Ends~~

~~Valves & Gears~~

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~~Cyls./Covers/Pistons & Rods~~

~~Connecting Rods & Top Ends~~

~~Valves & Gears~~

~~Journals & Bearings~~

Have Main Engines been tested working and manœuvring?

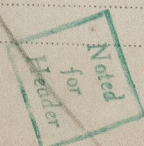
The machinery of this vessel so far as now seen is in good and safe working condition and eligible in my opinion to be continued as classed and it is recommended that the record of Boiler Survey with date as previously recommended now be made and the notation of Machinery Survey with date when the survey has been completed subject to water box of main condenser being renewed before completion of Machinery Survey.

Signature of Committee

NEW YORK APR 3 1957

Signature As now subject

B.S.I. 57



Engineer Surveyor to Lloyd's Register of Shipping

011485-011492-0140

If certificate is required state where to be sent



- 32 Essential Independent Pumps (Identify by position) Main circulating - good, Inboard Main Feed Pump - good, Bilge & Ballast - 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 ~~Exhaust Gas Heaters~~ 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 good 43 Have Evaporator Safety Valves been tested under steam? YES
- 44 Steering Machinery good 45 Windlass 46 Fire Extinguishing Arrangements

## AUXILIARY ENGINES (Identify by position)

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			1 Generators & Governors good
b Exciters			2 Motors
c Air Coolers			3 Switchboards & Fittings good
d Motors			4 Circuit Breakers good
e Air Coolers			5 Cables good
f Control Gear, Cables, etc.			6 Insulation Resistance good
g Insulation Resistance			7 Steering Gear Generators and Motors
h Insulating Oil Test			8 Navigation Light Indicators good
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			

## BOILERS OPENED UP &amp; EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN Starboard - 18th Feb. '57 - good

AUXILIARY, DONKEY or PRESS

Superheaters S - good

Safety Valves S - good

Mountings, Doors &amp; Fastenings S - good

Safety Valves Adjusted to { Sat. 250 lb.  
Spt. 230 lb.

Boiler Securing Arrangements good

Main Economisers

Exhaust Gas Heated Economiser

Steam Heated Steam Generators

Steam Generator Safety Valves Adjusted to

Were Oil Burning System &amp; Remote Controls examined working in accordance with Rules?

Forced Circulating Pump

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

Funnel good

## EXAMINATION &amp; 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 &amp; 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 &amp; T - Sea valves opened up, examined, ground in &amp; repacked.

New main circulating pump water end casting fitted.

New liner fitted to water end inboard main feed pump.

Main bearings renewed on steering engine.

H.P. ahead eccentric strap remetalled.

Tailshaft coupling bolts holes reamed &amp; six (6) new bolts fitted.

Three (3) 4" tubes renewed in starboard boiler

Electrical circuit grounds cleaned.

S.R.L. No. 149: Water end casting of main circ. pump renewed. This item should now be deleted.

+ Main condenser water box examined &amp; doubling plate fitted over wasted area. It was stated by the owners representative that a new water box was on order &amp; would be fitted before completion of Special Survey.

LEAVE THIS SPACE BLANK

Survey fees Part Machy. Survey  
& Rpts. \$100.00  
Part BS 50.00  
Damage fee  
Expenses... 5.50

Date when A/c rendered

18-3-57

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Foundation