

Rpt. 9

Date of writing report 12-7-62

13-7-62

Received London

Port of ROTTERDAM

No. 54126

Survey held at Rotterdam

No. of visits 2

First date 27-6-62

Last date 28-6-62

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 03703 Name <sup>S.S.</sup> "BEECH HILL" <sup>M.V.</sup> Gross tons 7150 Date of build 11-1943  
 Owners Halifax Overseas Freighters Ltd. Managers Counties Ship Management Co. Ltd. Port of Registry London  
 Engines made 1943 By Dominion Eng. Wks. Ltd. Type T 3 cyl. M.N. 450

Records of Survey & Special Notations as per Register Book

No. of Main Engines 1 No. of Screws 1  
 No. of Main Boilers 3 SB W.P. 220lb. Spt.  
 No. of Aux./Donkey Boilers (7140) W.P. -  
 Surveyed Afloat or in Dry Dock afloat  
 Nature of Survey Commencement M.B.S.  
 Was Damage Report issued? - Int. Cert.? -  
 Last Report (For Head Office only)

Hull		Machinery	
B.S.*	with freeboard	M.B.S. +	
S.S.(Adv.)	5-59	E.S.(Adv.)	5-59
D.S.	1-62	M.B.S.	6-61
		T.S. C.L.	1-62
		S.P.S.	1-58
		O.F.	5-50

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
- 15 Levers

### SCAVENGE BLOWERS

### SUPERCHARGERS

### MAIN TURBINES

- 18 Casings, Rotors, Blading, Bearings & Thrusts

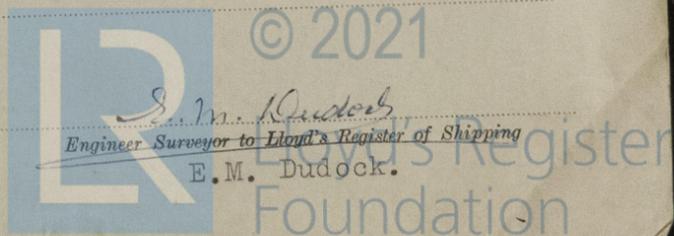
### EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

- 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 & MANGUEVRING VALVES
- 30 MAIN ENGINE DRIVEN PUMPS

Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel is in good condition and eligible in my opinion to remain as classed with fresh record of M.B.S. 6-'62 on completion of the survey.

Date of Committee .....  
 Decision ..... As new



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).....  
 .....  
 .....

		ELECTRICAL EQUIPMENT	
PROPULSION	PORT	STARBOARD	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 centre 27-6-'62. Starboard 28-6-'62. AUXILIARY, DONKEY or PRESS  
 Both, good.  
 Superheaters good  
 Safety Valves good  
 Mountings, Doors & Fastenings good  
 Safety Valves Adjusted to { Sat. not done  
 { Spt. not done  
 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? no Forced Circulating Pumps ---  
 Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? yes 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)  
 To complete the Main Boiler Survey for fresh record of M.B.S. 6-'62 the port boiler requires to be examined throughout, safety valves of all boilers to be adjusted under steam, oil burning system and remote controls to be examined working.  
 It is stated this will be done at Stockholm where vessel is bound for.  
 The Stockholm Surveyors have been advised.

LEAVE THIS SPACE BLANK

Survey fees ... R. 220.-  
 Damage fee ...  
 Expenses... ...  
 Date when A/c rendered. 17 JUL 1962  
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