

Rpt. 9

Date of writing report 12-7-62  
Survey held at Rotterdam

13-7-62

Received London

No. of visits 2

Port of ROTTERDAM

First date 27-6-62

Last date

28-6-62

No. 54126

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 3703 Name S.S. "BEECH HILL"  
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  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers 3 SB W.P. 220lb. Spt.  
No. of Aux./Donkey Boilers 1 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)

Records of Survey & Special Notations as per Register Book

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

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 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

20m,10,61 T. (MADE AND PRINTED IN ENGLAND)

011712-011717-0277

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).....  
.....  
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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 ... 220-

Damage fee ...

Expenses... ... 9-

Date when A/c rendered. 17 JUL 1962

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