

WRECK
SECTION

No.

B.C.

Rpt. 9

Date of writing report 10.4.57.

Received London 17 APR 1957

Port Liverpool.

No.

146635

Survey held at Birkenhead.

No. of visits 1

First date and

Last date 2.4.57.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 73626 Name M.V. "PHEMIUS" Gross tons 6650 Date of build 1926 2
Owners Ocean S.S. Co. Ltd. Managers A. Holt & Co. Port of Registry Liverpool
Engines made 1926 By Burneister & Wain Type 4SA each 8Cy.
No. of Main Engines 2 No. of Screws 2
No. of Main Boilers - W.P. -
No. of Aux./Donkey Boilers 1 W.P. 100
Surveyed Afloat or in Dry Dock Afloat.
Nature of Survey C.S.
Was Damage Report issued? No. Int. Cert.? Yes.
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull		Machinery	
BS*	9,56.	MBS* CS.	8,54.
S.S. Bkn.	4,53.	BS.d.	4,56.
		TS.CL.(p)	4,56.
		(s)	6,55.

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 { ~~XXX~~ Centre.....
4 Crankpins & Bearings { ~~XXX~~ Centre.....
5 Journals & Bearings.....
All. Good.
All. Good.

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 eligible in my opinion to remain as now classed with fresh record C.S.(with date) on completion, subject to M.E.(P) No.7 cylinder being re-examined by 4.57 (12 mos.limit) and to crack in bedplate of Port Forward Aux.Engine after inboard corner, repaired by "Metalock" being examined before the end of January 1958.

Date of Committee

Decision

LIVERPOOL

16 APR 1957

As now, subject

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping

Foundation

003750-003762-0081

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 Good.

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

PROPULSION		ELECTRICAL EQUIPMENT	
		PORT	STARBOARD
a	Generators		
b	Exciters		
c	Air Coolers		
d	Motors		
e	Air Coolers		
f	Control Gear, Cables, etc.		
g	Insulation Resistance		
h	Insulating Oil Test		
i	Overspeed Governors		
j	Magnetic Couplings		
k	Air Gap		
		AUXILIARY EQUIPMENT	
		l Generators & Governors	
		m Motors	
		n Switchboards & Fittings	
		o Circuit Breakers	
		p Cables	
		q Insulation Resistance	
		r Steering Gear Generators and Motors	
		s Navigation Light Indicators	

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
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? 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)
REPAIRS W.&T. Starboard Main Engine Nos.2 and 6 crankpin bearings, also Journal bearings Nos.3 and 7 found cracked and broken - remetal led.

In reply to a query the Owner's Representative stated that the Donkey Boiler Survey had been held at a recent date in Hamburg.
It was further stated that the subject against the M.E.No.7 (P) Cylinder had also been dealt with, at the same time.

LEAVE THIS SPACE BLANK

Survey fees 10-0-0
es 7-5-0-0
Damage fee ...
Expenses... ..

Date when A/c rendered



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Foundation