

Rpt. 9

Date of writing report 2-7-57. Received London. Port WEST HARTLEPOOL. No. 19813. Survey held at WEST HARTLEPOOL. No. of visits 3-12 JUL 1957. First date 22-5-57. Last date 19-6-57.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 73135 Name s.s. "PARKWOOD". Gross tons 1075 Date of build 1933-7. Owners Constantine Shipping Co. Ltd. Managers. Port of Registry Middlesbrough. Engines made Sunder-land By N.E. Marine Engine Co. Ltd. Type T 3cy. No. of Main Engines 1 No. of Screws 1. No. of Main Boilers 1 (Supt.) W.P. 200 lbs. No. of Donkey Boilers 1 W.P. 125 lbs. Surveyed Afloat or in Dry Dock Both. Nature of Survey S.S. Was Damage Report issued? - Int. Cert.? Yes. Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book. Table with columns for Hull and Machinery. Hull: *100A1 with freeboard. 3,56. SS. Hpl 6,53. Machinery: *IMC ES. 6,53. BS. 3,56. TS(CL) 7,54.

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 Rewooded. Oil Glands -. Sea Connections Good. Fastenings Good. Has Screwshaft/Tabsaft been drawn? Yes. Date of Examination 22-5-57 & Has Shaft been changed? No. Has Shaft now fitted been previously used? -. Has Shaft now examined since a continuous liner? 12-6-57. Yes. Approved on ground?

MAIN ENGINES (Recip. Steam or I.C.) XXXX. 1 Cyls., Covers, Pistons & Rods Good. 2 Valves & Gears Good. 3 Connecting Rods, Top Ends & Guides Good. 4 Crankpins & Bearings Good. 5 Journals & Bearings 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.

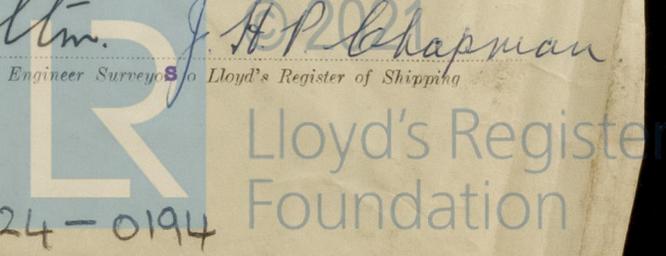
SCAVENGE BLOWERS. 16. SUPERCHARGERS. 17. MAIN TURBINES. 18 Casings, Rotors, Blading, Bearings & Thrusts.

19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES). 20 STEAM COMPRESSORS. 21 CLUTCHES & HYDRAULIC COUPLINGS. 22 REDUCTION GEARING. 23 THRUST BLOCKS, SHAFTS & BEARINGS Good. 24 INTERMEDIATE SHAFTS & BEARINGS Good. 25 HOLDING DOWN BOLTS & CHOCKS Good. 26 CONDENSERS (MAIN & AUX.) Good (tested). 27 STEAM HEATERS. 28 SUPERHEATERS. 29 STOP & MANOEUVRING VALVES Good. 30 MAIN ENGINE DRIVEN PUMPS Good.

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES. Have Main Engines been tested working and manoeuvring? Yes. OPINION OF MACHINERY AND RECOMMENDATIONS. The machinery of this vessel is in an efficient condition and eligible in my opinion to remain as classed in the Register Book with fresh record of E.S. 6,57, MBS 6,57, DBS 6,57, SPS 6,57, TS(CL) 6,57.

Date of Committee THURSDAY 8 AUG 1957. Decision ESG,57 TSG,57 MBSG,57 DBSG,57 SPSG,57. Waled for Header.

R. Boltin, J. P. Chapman. Engineer Surveyors to Lloyd's Register of Shipping.



CERTIFICATE WRITTEN.

003620-003624-0194

TER. OF SHIPBINC. If so, is the Report sent now, or when will it be sent? A survey also been held on ship.

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position) **Ballast (Starboard side) - good; Donkey Feed Pump (p.s.) - good; General Service Pump (p.s.) - good.**

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls **Good**

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? **Yes**

35 ~~Press. Water Coolers~~ 36 ~~Air Oil Coolers~~ 37 Heaters (state service) **Feed heater - good.**

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 **Good** 43 Have Evaporator Safety Valves been tested under steam? **Yes**

44 Steering Machinery **Good** 45 Windlass **Good** 46 Fire Extinguishing Arrangements **Good**

AUXILIARY ENGINES (Identify by position) **Steam Generator Engine (s.s.) good, Diesel Generator Engine (s.s.) good.**

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

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

MAIN **23-5-57.** **Good** ~~AUXILIARY, DONKEY or PRESS.~~ **Port side of stokehold. 23-5-57, good.**

Superheaters **Good**

Safety Valves **Good**

Mountings, Doors & Fastenings **Good**

Safety Valves Adjusted to Sat. **200 lbs/sq.in.**

Safety Valves Adjusted to Spt. **200 lbs/sq.in.**

Boiler Securing Arrangements **Good**

~~Water Economisers~~ ~~Exhaust Gas Heated Economisers~~

~~Steam Heated Steam Generators~~ ~~Steam Generator Safety Valves Adjusted to~~

~~Were Oil Burning Systems & Remote Controls examined working in accordance with Rules?~~ ~~Boiler Circulating Pumps~~

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

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main **Steel, good.** Auxiliary (over 3 in. bore) **None**

Were Copper Pipes annealed? **None** Have Saturated Pipes in cylindrical boiler smoke boxes been tested? **Yes**

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)

Now done for W & T Repairs:- Screwshaft liner skimmed in way of stern bush, stern bush rewooded, general service pump cylinder bored out and new pistons and rings fitted, donkey feed pump water end liners renewed, L.P. bottom end bearing remetalled, MP and LP valve spindles renewed, main condenser retubed, HP poppet valve gear overhauled by Makers, steering engine cylinders and valves overhauled by Makers, MP piston rings renewed, HP, MP and LP piston rods machined and metallic packing renewed.

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Eng. Survey fees **£21- 0- 0**

MB & DB. **£17- 0- 0**

Elec. Survey **£7- 0- 0**

T.S. **£5- 0- 0**

Damage fee

Expenses...

Date when A/c rendered **2-7-57.**