WRECK SECTION No. 767

16. AUG. 1962

**Rpt. 9**

147792

Date of writing report 7.8.62 Received London — Port LONDON No.

Survey held at London Tilbury No. of visits 3 First date 26.7.62 Last date 7.8.62

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 52583 Name S.S. M.V. "ASHANTI PALM" Gross tons 5123 Date of build 1947-7

Owners Palm Lines Ltd., Managers Port of Registry Liverpool

Engines made 1947 By N.E.Marine Eng. Co.(1938) Type T.3cyl.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 3 SB W.P. 220 lbs.SHT.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey M.B.S.

Was Damage Report issued? - Int. Cert.? Yes

Last Report (*For Head Office only*) 15/9/57

*Records of Survey & Special Notations as per Register Book*

| *Hull* | *Machinery* | |
|---|---|---|
| +100 A1 with freeboard | + IMC ES | 4.[illegible] |
| M.T.veg Oil. | MBS | 6.61 |
| S.S. 4.60 | TSCI | 3.60 |
| D.S. 6.61 | SPS | 4.60 |

*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* | | |
| 3 Connecting Rods, Top Ends & Guides — *Centre* | | |
| 4 Crankpins & Bearings — *Side* | | |
| 4 Crankpins & Bearings — *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 & MANŒUVRING VALVES | | |
| 30 MAIN ENGINE DRIVEN PUMPS | | |
| 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES | | |

Have Main Engines been tested working and manœuvring? .....

*OPINION OF MACHINERY AND RECOMMENDATIONS* The machinery of this ship so far as now seen is eligible in my opinion to remain as now classed in the Register Book with fresh record of MBS 8.62 subject to any outstanding conditions of class being dealt with as previously recommended.

Date of Committee TUESDAY 28 AUG 1962

Decision Class now MBS 8.62

NOTED FOR POSTING

Noted for Header

*Engineer Surveyor to Lloyd's Register of Shipping*

G.R. MATTHEWS.

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)

*If so, is the Report sent now, or when will it be sent?*

*If certificate is required state where to be sent.*

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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**

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**AUXILIARY ENGINES** (*Identify by position*)

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**ELECTRICAL EQUIPMENT**

| PROPULSION | 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

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

**MAIN** Port & Starboard 26.7.62. Good
Centre 2.8.62. Good.

**AUXILIARY, DONKEY or PRESS**

**Superheaters** P & S Good

**Safety Valves** P.C.S. Good

**Mountings, Doors & Fastenings** P.C.S. Good

**Safety Valves Adjusted to** Sat. P.C.S. 220 lbs. Spt. P & S. 220 lbs.

**Boiler Securing Arrangements** P.C.S. 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?** Yes **Forced Circulating Pumps**

**Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?** P&S Yes **Funnel** Efficient

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**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?**

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**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*)

Wear and Tear repairs carried out as necessary.

LEAVE THIS SPACE BLANK

*Survey fees* ... MBS £31. 0. 0d.

*Damage fee* ...

*Expenses...* ... £1. 4. 0d.

*Date when A/c rendered* 14 AUG 1962

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