

REPORT OF MACHINERY SURVEYS AND REPAIRS  
(ENGINES AND AUXILIARIES)

Received London  
27. FEB. 1963

Ship's Name ~~SS/XXX~~ "MATADI PALM" Gross tons 6246  
 Is there a rpt. 8? No Port Liverpool Rpt. No. 160985  
 No. of visits 2 First date 5.1.63. Last date 7.2.63.  
 Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? Last rpt. (H.Q. only)  
 Date of completing rpt. 11.2.63. Surveyed at, if different from Port above  
 Is a rpt. 9B attached? No MN Nature of survey Repairs  
 Survey fees Rpn £5-5-0 Damage fee Expenses 10/-  
 S.A. fee

MAIN ENGINES, RECIP., STEAM OR I.C. (State Port—P or Starboard—S)

- 1 Cyls., covers, pistons & rods
- 2 Valves & gears
- 3 Con. rods, top ends & guides centre Side
- 4 Crankpins & bearings centre Side
- 5 Journals & bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS (State Port—P or Starboard—S)

- 6 Cyls., covers, pistons & rods 7 Con. rods & top ends
- 8 Crankpins & bearings 9 Journals & bearings
- 10 Coolers & safety devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS (State Port—P or Starboard—S)

- 11 Cyls., covers, pistons & rods 12 Con. rods & top ends
- 13 Crankpins & bearings 14 Journals & bearings

MAIN TURBINES (State Port—P or Starboard—S)

- 16 Casings, rotors, blading, bearings & thrusts 15 Levers

- 17 Reduction gearing
- 18 Scavenge blowers 19 Superchargers

I recommend that the machinery of this ship remain as classed ~~with~~ without fresh record of survey, subject to the feed pump valve chest being specially examined before the end of August, 1963 (6 months' limit).

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

Date of Committee LIVERPOOL 26 FEB 1963

Minute As now subject

G.A. Stewart  
Surveyor to Lloyd's Register of Shipping

G.A. STEWART.

ALSO FOR

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Lloyd's Register Foundation

003964-003970-0190

Test this should be stated. Engine parts which appear to be counted from forward.

circumstances and action taken or recommended described fully under "defects and repairs".

good condition, and to be completed until the due date of the next Periodical Examination. Where repairs have been effected or it is

20	Exhaust steam turbines (with recip. eng.)	21	Thrust blocks shafts & bearings		
22	Steam compressors	23	Intermediate shafts & bearings		
24	Clutches & hydraulic couplings	25	Condensers (main & aux.)		
26	Steam re-heaters	27	Air ejectors (main & aux.)		
28	De-superheaters	29	Forced &/or induced draught fans		
30	Stop & manoeuvring valves	31	Hold down bolts & chocks	32	Detuner or vibration damper
33	Main engine driven pumps				
34	Crankcase doors & explosion relief devices			35	Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)
36	Essential independent pumps				
37	Bilge, ballast & oil fuel suction lines, fittings & controls			38	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?
39	Fresh water coolers			40	Lub. oil coolers
41	Heaters (state service)			42	Feed water filters
43	Auxiliary air receivers & safety devices			44	Starting air pipes
45	Main air receivers & safety devices				
46	Independent air compressors coolers & safety devices				
47	Oil fuel tanks (not forming part of the hull structure)				
48	Have all evaporators safety valves been tested under steam?	49	Evaporators HP & LP	50	Distillers
51	Fire extinguishing arrangements	52	Steering machinery	53	Windlass

State Port Start

Identif. by position

**AUXILIARY ENGINES**

**PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.**

**Repairs.** Examined feed pump valve chest on account of a fracture extending from one side of the casting to the discharge branch piece. The chest was removed ashore, the fracture welded and on completion satisfactorily hydraulically tested to 500 lbs/psi.

The repair is considered efficient meantime, but it is recommended that the feed pump valve chest be specially examined before the end of August, 1963.

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should also be reported above.

