

Rpt. 9A

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 Rps £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
4 Crankpins & bearings centre
5 Journals & bearings

Side

Side

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

- 6 Cyls., covers, pistons & rods
8 Crankpins & bearings
10 Coolers & safety devices

7 Con. rods & top ends

9 Journals & bearings

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

- 11 Cyls., covers, pistons & rods
13 Crankpins & bearings

12 Con. rods & top ends

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

Surveyor to Lloyd's Register of Shipping

G.A. STEWART.

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

003964-003970-0190

20 Exhaust steam turbines (with recip. eng.)	21 Thrust blocks shafts & bearings		State Port Start
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	

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.