

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)

Received London

FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

-4. JUN. 1965

Ship's Name ~~SSM~~ m.v. "RICARDO MANUEL" (R.B. 30105)

Gross tons 873 Port of Registry PANAMA Port Lisbon

Date of build 12-1940 Is there a rpt. 8? Yes Rpt. No. 11026

No. of visits 4 First date 5.2.65 Last date 18.2.65

Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? No Last rpt. (H.Q. only)

Date of completing rpt. 3.5.65 Surveyed at, if different from Port above

Is a rpt. 9B attached? Yes MN 118 Nature of survey Adv.CSM.T.S.

Survey fees Damage fee - Expenses 200\$00

Adv.CSM. 2.500\$00
TS. 660\$00

S.A. fee -

MAIN ENGINES, ~~HIGH-SPEED~~ I.C. (State Port—P or Starboard—S)

- 1 Cyls., covers, pistons & rods All - Good
- 2 Valves & gears All - Good
- 3 Con. rods, cross-heads, bearings & side centre Gudgeons All - Good
- 4 Crankpins & bearings centre All - Good
- 5 Journals & bearings

Side

Side

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

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

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

- 11 Cyls., covers, pistons & rods Good
- 12 Con. rods, cross-heads & bearings Good
- 13 Crankpins & bearings Good
- 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 subject to the tailshaft being renewed by 2/66 (12 months) and all other conditions of class being dealt with as previously recommended.

ALSO FOR

SPL FOR

NOTED BY
TRO
CESR/MG

SRL

POSTING

HEADER

CERT

(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

MONDAY 19 JUL 1965

Minute

As new, subject

W.D. Goodall

W. Goodall

Surveyor to Lloyd's Register of Shipping

20	Exhaust steam turbines (with recip. eng.)	21	Thrust blocks shafts & bearings	Good	
22	Steam compressors	23	Intermediate shafts & bearings	Good	
24	Clutches & hydraulic couplings	25	Condensers (main & aux.)		
26	Steam re-heaters	27	Air ejectors (main & aux.)		
28	De-super-heaters	29	Forced &/or induced draught fans		
30	Stop & manoeuvring valves	31	Holding down bolts & chocks		32 Detuner or vibration damper
33	Main engine driven pumps				

State
Port P. or
Starboard S.

34 Crankcase doors & explosion relief devices **Good**

35 Have main engines been tested working & manoeuvring? (To be done on completion of ES or CS cycle)

36 Essential independent pumps Bilge (S.A.ER) Lub. Oil (S.A.ER) - **Good**

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

Clutch driven (aft P.ER) - **Good**

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

Identify
by
position

AUXILIARY ENGINES

12.5 kW diesel driven dynamo engine (A.P.ER) - **Good**
25 kW diesel driven dynamo engine (F.P.ER) - **Good**

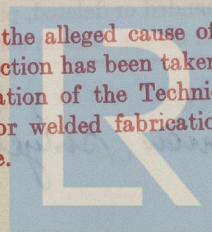
PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Wear and tear Repairs

Tailshaft corroded in way of sternbush - recommended renewal of tailshaft but no material available.
Tailshaft machined to remove pitting, the final diameters being.
Top of taper 156 M/M.
Section 3" forward from top of taper 160 M/M.
Remainder 165 M/M.

It is recommended that the tailshaft should be renewed by 2/66 (12 months) and an item to this effect be placed in the Special Reasons List.

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.



Lloyd's Register
Foundation