

Rpt. 9A

# REPORT OF MACHINERY SURVEYS AND REPAIRS

(ENGINES AND AUXILIARIES)

Received London

8 APR 1963

Ship's Name/SS/MS **AFRICAN REEFER" 1935** Gross tons **1731**

Is there a rpt. 8? **No** Port **Buenos Aires** Rpt. No. **34904**

No. of visits **Two** First date **9-3-63** Last date **11-3-63**

Interim Cert. issued & copy herewith? **Yes** Damage rpt. issued & copy herewith? **None** Last rpt. (H.Q. only) **11951 S.FO.**

Date of completing rpt. **14-3-63** Surveyed at, if different from Port above **-**

Is a rpt. 9B attached? **No** MN **-** Nature of survey **Wear & Tear Rprs.**

Survey fees **\$3,000.00** Damage fee **-** Expenses **\$200.00**

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 & bearing 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
15		15	Levers

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

Casings, rotors, blading, bearings &amp; thrusts

Reduction gearing

Scavenge blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed ~~with~~ without fresh record of

survey, subject to the ME No.2 cylinder after port column (Metalock repaired 3/63) at the top flange being examined by September 1963, and to all other outstanding items of class being dealt with as previously recommended.

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

Vote of Committee

Minute

WEDNESDAY - 1 MAY 1963

as now subject

J. Moar

Surveyor to Lloyd's Register of Shipping

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Write on. (1 + item 3)

003245-003251-0072

110 APR 1963



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-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			
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

Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?

37 Bilge, ballast & oil fuel suction lines, fittings & controls

40 Lub. oil coolers

39 Fresh water coolers

42 Feed water filters

41 Heaters (state service)

44 Starting air pipes

43 Auxiliary air receivers & safety devices

45 Main air receivers & safety devices

46 Independent air compressors coolers & safety devices

47 Oil fuel tanks (not forming part of the hull structure)

Evaporators  
49 HP & LP

50 Distillers

48 Have all evaporators safety valves been tested under steam?

Steering  
52 machinery

53 Windlass

51 Fire extinguishing arrangements

## AUXILIARY ENGINES

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

### NOW DONE

Found two slight cracks in way of the top flange of the ME No.2 cylinder after port column, these slight cracks were drilled at their extremity and metalock repaired, and reinforced by steel strap, and placed in efficient condition, & recommended to be examined by September 1963 with view of being a permanent repair.

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 be reported above.

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