

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

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

Received London  
-8. FEB 1966

Ship's Name SS/MS " APJ AMBAR "

Gross tons 5449 Port of Registry Calcutta. Port Cochin.

Date of build 8-1950 Is there a rpt. 8? No Rpt. No. 288

No. of visits three First date 27.1.1966 Last date 30.1.1966

Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? Yes Last rpt. (H.Q. only) MGO 98

Date of completing rpt. 31.1.1966 Surveyed at, if different from Port above --

Is a rpt. 9B attached? Yes MN 752 Nature of survey Condition of Class & Damage repairs.

Survey fees Damage fee Expenses  
Rs.450=00 Rpt. Rs.250=00 Rs.60=00  
Repairs Rs.350=00

S.A. fee Rs.200=00

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

1 Cyls., covers, pistons & rods

2 Valves & gears

3 Con. rods, cross-heads, bearings & 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, cross-heads & bearings

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, cross-heads & bearings

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

"MBS (with date) upon completion," to condition of class on Main Condenser Circulating Water Pump (certificate of the 17th January, 1966 issued at Mormugoa) being deleted and to all conditions of class being dealt with as previously recommended.

ALSO FOR

SPL FOR

TRO

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.)

Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

FRIDAY 18 FEB 1966

See Cal 2274.

Lloyd's Register Foundation

004486-004488-0336

At part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; 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.

considered that re-examination or repairs should be made before that date a distinguishing mark must be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "good" only when it 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 repairs have been effected or it is

14 FEB 1966  
12 APR 1966  
MGO 98

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	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)

State Port P. or Starboard S.

36 Essential independent pumps Main circulating water pump.

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

Identify by position

#### AUXILIARY ENGINES

Inboard Generator Engine.  
Outboard Generator Engine.

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

Inboard Generator Steam Engine crankshaft was slightly bent at the governor end (free end) due to overheating of the eccentric sheave. As permanent repair a ~~new~~ spare shaft was fitted & the old one was lined true and retained on board as spare.

Outboard Generator Steam Engine crankshaft extension carrying governor assembly sheared off causing damage to cover, arm, springs, sleeve, collar, lever, weights, rod, fulcrum bracket & pin and valve rod. As a permanent repair all the above parts were replaced by spare ones and an extension piece for governor drive was welded to crankshaft end.

Upon completion of repairs the Inboard & Outboard Generators were tested on load & found to be working satisfactorily.

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.