

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? YesDamage rpt. issued
& copy herewith? Yes

Last rpt. (H.Q. only)

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
Repairs Rs.350=00

Rs.60=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 centre4 Crankpins &
bearings centre5 Journals &
bearings

Side

Side

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

6 Cyls., covers,
pistons & rods7 Con. rods, cross-
heads & bearings8 Crankpins &
bearings9 Journals &
bearings10 Coolers &
safety devices

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

11 Cyls., covers
pistons & rods12 Con. rods, cross-
heads & bearings13 Crankpins &
bearings14 Journals &
bearings

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

16 Casings, rotors,
blading, bearings,
& thrusts

15 Levers

17 Reduction
gearing18 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.

(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 subject 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

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

Exhaust steam
turbines (with
20 recip. eng.)

22 Steam
compressors

24 Clutches & hyd-
raulic couplings

26 Steam
re-heaters

28 De-super-
heaters

Stop & manoeuv-
30 ring valves

Main engine
33 driven pumps

Thrust blocks
21 shafts & bearings

Intermediate
23 shafts & bearings

Condensers
25 (main & aux.)

Air ejectors
27 (main & aux.)

Forced &/or induced
29 draught fans

Holding down
31 bolts & chocks

Detuner or
32 vibration damper

State
Port P. or
Starboard S.

Crankcase doors &
34 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 Main circulating water pump.

Bilge, ballast & oil fuel
37 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

Identify
by
position

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

48 Have all evaporators safety
valves been tested under steam?

Evaporators
49 HP & LP

50 Distillers

51 Fire extinguishing arrangements

Steering
52 machinery

53 Windlass

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.

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