

Rpt. 9A REPORT OF MACHINERY SURVEYS AND REPAIRS (ENGINES AND AUXILIARIES)
FOR CONSIDERATION BY THE COMMITTEE OF LLOYD'S REGISTER OF SHIPPING

Received London
-1. NOV. 1965

Ship's Name SS/MS "A.P.J. AMBAR"
(L.R. 540085)

Gross tons 5499

Port of Registry CALCUTTA

Port VISAKHAPATNAM

Date of build 8-1950

Is there a rpt. 8? NO

Rpt. No. 883

No. of visits 2

First date 14.10.65

Last date 16.10.65

Interim Cert. issued
& copy herewith? YES

Damage rpt. issued
& copy herewith? NO

Last rpt. (H.Q. only)

Date of
completing rpt. 21.10.65

Surveyed at, if different from Port above

Is a rpt. 9B
attached? NO

MN 752

Nature of survey

Repairs to Inboard
Dynamo Steam Eng.

Survey fees Rs. 200/-

Damage fee

Expenses

Rs. 24/-

S.A. fee Rs. 100/-

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

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, cross-
heads & bearings

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, cross-
heads & bearings

14 Journals &
bearings

MAIN TURBINES (State Port—P or Starboards—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 any outstanding 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.)

Date of Committee

MONDAY 29 NOV 1965

Minute

W. K. Pal.
(TS) Chak.

(A. PRAKASH)

Surveyor to Lloyd's Register of Shipping

FOR CHAIRMAN
CLASSN. CTTEE

004486-004488-0358 1/2

| | | | | | |
|----|--|----|----------------------------------|----|---|
| 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 | | | | |
| 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.

It was stated by the Chief Engineer that on 12th October, 1965, at 1540 hours, whilst the vessel lay afloat in Visakhapatnam Harbour, a peculiar noise was heard from the Inboard Dynamo Steam Engine. Inboard Dynamo Steam Engine was immediately shut down. Upon examination, the following damage was found and repairs recommended.

FOUND:

1. Inboard Dynamo Steam Engine Governor drive axle (Integral with crankshaft 1" diameter) sheared.
2. Governor lever bent.

RECOMMENDED:

1. 1" dia. sheared part to be machined and fitted with threads (B.S.W) on to the crankshaft and welded with a collar.
2. Governor lever to renew.

(Contd)

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.

State
Port P. or
Starboard S.

Identify
by
position

Ship's Name ~~SSA49~~ "A.P.J. AMBAR"

Port VISAKHAPATNAM Rpt. No. 883

FOUND:

3. Few Governor Pins slack.
4. Main Bearings wiped.

RECOMMENDED.

3. Slack pins to be made good.
4. Main Bearings to be remetalled.

Note:- No cause for the above damage was stated.

NOW DONE:

1. Inboard Dynamo Steam Engine crankshaft fitted with a new M.S. 12Dia. Governor Drive (Axle) by male female threaded joint and a collar welded alround.
2. Governor lever and keys renewed.
3. Slack Governor Pins made good.
4. Main bearings remetalled and journals polished.

S.R.L:-242. As previously noted. Nothing done here.

Prakash
SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.
(A.PRAKASH).