

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

Received London

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

Ship's Name ~~SS/M~~ "SAFINA-E-JAMHOOR IYAT" LR 530490  
 Gross tons 6805 Port of Registry Karachi Port Karachi  
 Date of build 12-1940 Is there a rpt. 8? Yes Rpt. No. KRH/801  
 No. of visits 12 First date 5-3-65 Last date 24-4-65  
 Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? - Last rpt. (H.Q. only)  
 Date of completing rpt. 5-5-65 Surveyed at, if different from Port above -  
 Is a rpt. 9B attached? Yes MN (669) Nature of survey MBS, TS, Comm.ES, Cond. of class & G.E. Machinery.

Survey fees Damage fee Expenses  
 Part ES Rs 750/-  
 G. Exam Rs 950/- Rs 96/-  
 MBS Rs 1500/-  
 TS Rs 300/- 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, 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 ~~XXXXXX~~ blowers 19 ~~XXXXXX~~

I recommend that the machinery of this ship remain as classed with/without fresh record of MBS 3/65 and TS(CL) 4/65 now and ES (with date) when the survey has been completed, without the conditions of class relating to the Exhaust Steam Turbine and to seal welded stay tubes in centre tube nest of Starboard Boiler, subject to any outstanding 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.)

Date of Committee MONDAY 21 JUN 1965

Minute

As now, without spl cond  
 MBS 3.65  
 TS 4.65

*(J. van Son)*  
 Surveyor to Lloyd's Register of Shipping

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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

20 Exhaust steam turbines (with recip. eng.) (removed)

22 ~~Stack compressors~~

24 ~~Hydraulic couplings~~ (Incorporated with gearing)

26 ~~Stop & manoeuvring valves~~

28 ~~Stop & manoeuvring valves~~

30 Stop & manoeuvring valves

33 Main engine driven pumps

34 ~~Essential independent pumps~~

21 Thrust blocks shafts & bearings

23 Intermediate shafts & bearings

25 Condensers (main & aux.)

27 ~~Forced draught fans~~

29 Forced draught fans

31 Holding down bolts & chocks

32 ~~Detector bolts & chocks~~

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

36 Essential independent pumps Main circulating- good; Auxiliary condenser circulating- good; Port-Centre-Starboard feed - all 3 good; Forward and aft lubricating oil - both good; Forward and aft oil fuel transfer - good; Aft oil fuel service - good; General service - 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~~

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 good

53 Windlass good

AUXILIARY ENGINES

Forced draught fan aft driving engine : good.

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

General Service Pump:

Found both water end cylinder liners worn and holed and piston ring grooves worn out.

Now done:

Two new bronze liners fitted. Piston ring grooves machined and new rings fitted.

Main Circulating Pump:

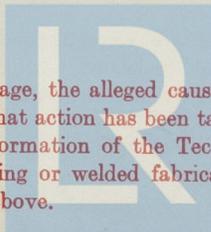
Impeller which was found to be badly eroded, renewed.

State Port P. or Starboard S.

Identify by position

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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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Ship's Name SS/MS/ "SAFINA-E-JAMHOORIYAT"

LR 530490

Port Karachi

Rpt. No. KRH/801

Minor repairs to the other pumps now surveyed satisfactorily effected.

The main and auxiliary machinery tested under working conditions before vessel proceeded to sea. Found satisfactory in operation.

S.R.L. No.234:

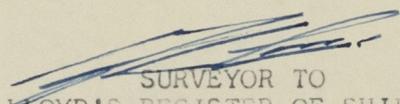
Owners state that exhaust steam turbine will not be re-fitted.

It is recommended that the condition of class relating to the turbine be deleted and the following noted in the S.R.L. Appendix:

"Exhaust steam turbine permanently removed".

General Examination Machinery:

In view of the satisfactory results of the General Examination of the machinery which has been held this time in accordance with circular 1959 it is submitted that the Owners request for postponement of the Engine Special Survey until May, 1966 merits the favourable consideration of the Committee.

  
SURVEYOR TO  
LLOYD'S REGISTER OF SHIPPING.



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