

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

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

Received London

Ship's Name ~~SS/M~~ "SAFINA-E-JAMHOORIYAT" 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? YesDamage 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
Part ES Rs 750/-
G. Exam Rs 950/-
MBS Rs 1500/-
TS Rs 300/-

Damage fee

Expenses

Rs 96/-

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 & 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 ~~XXXXXX~~
~~XXXXXX~~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.

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 21 JUN 1965

Minute

As now, without spl cond

MBS 3.65

TS 4.65

Surveyor to Lloyd's Register of Shipping

Lloyd's Register
Foundation

004405-004410-0229 2

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

Exhaust steam turbines (with recip. eng.)	(removed)	Thrust blocks	
20		21 shafts & bearings	
XXXXXX		Intermediate	
22 compressors		23 shafts & bearings	
XXXXXX	(Incorporated with gearing)	Condensers (main & aux.)	
24 raulic couplings		25	
XXXXXX		XXXXXX	
26 XXXXXX		27 XXXXXX	
XXXXXX		XXXXXX	
28 XXXXXX		Forced draught fan	
Stop & manoeuvring valves		29	
30		31 Holding down bolts & chocks	
Main engine driven pumps		32 XXXXXX	
33			
XXXXXX			
34		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- 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 & 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
51	Fire extinguishing arrangements	52 Steering machinery good
		53 Windlass good

Identify
by
position

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.

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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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:

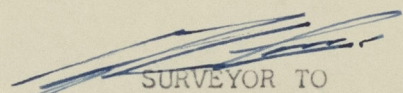
Owners state that exhaust steam turbine will not be re-fitted.

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.

