

REPORT OF MACHINERY SURVEYS AND REPAIRS
(ENGINES AND AUXILIARIES)

Received London

15. NOV. 1962

Ship's Name ~~SS/MS~~ "JALAKANYA" 7180 Gross tons

here a rpt. 8? NO Port MADRAS Rpt. No. 1723

No. of visits TWO First date AND Last date 4-11-62.

Interim Cert. issued copy herewith? YES Damage rpt. issued & copy herewith? NO Last rpt. (H.Q. only) 20871

Date of completing rpt. 6-11-62 Surveyed at, if different from Port above - Cal.

Is a rpt. 9B attached? NO MN 667 Nature of survey Repairs(M).

Survey fees Damage fee - Expenses Rs.20/-

Repairs(M) : Rs.200/-

S.A. fee on 4-11-62 : Rs.100/-

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

Cyls., covers, pistons & rods

Valves & gears

Con. rods, top ends & guides centre

Side

Crankpins & bearings centre

Side

Journals & bearings

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

Cyls., covers, pistons & rods

7 Con. rods & top ends

Crankpins & bearings

9 Journals & bearings

Coolers & safety devices

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

Cyls., covers, pistons & rods

12 Con. rods & top ends

Crankpins & bearings

14 Journals & bearings

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

15 Levers

Casings, rotors, blading, bearings & thrusts

Reduction gearing

Scavenge blowers

19 Superchargers

I recommend that the machinery of this ship remain as classed ~~with~~ without fresh record of survey subject to any other outstanding conditions of class being ~~not~~ met with as previously recommended.

When conditions of class are recommended to be maintained, imposed, amended or deleted, particulars to be stated above and on the interim certificate.)

of Committee

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WEDNESDAY 28 NOV. 1962
As now subject.

(Signature)
(H.S. RAO)
Surveyor to Lloyd's Register of Shipping

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

003541-003548-0165 1/2

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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
33	Main engine driven pumps	32	Detuner or vibration damper
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	38	Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?
37	Bilge, ballast & oil fuel suction lines, fittings & controls	40	Lub. oil coolers
39	Fresh water coolers	42	Feed water filters
41	Heaters (state service)	44	Starting air pipes
43	Auxiliary air receivers & safety devices		
45	Main air receivers & safety devices		
46	Independent air compressors coolers & safety devices		
47	Oil fuel tanks (not forming part of the hull structure)	49	Evaporators HP & LP
48	Have all evaporators safety valves been tested under steam?	50	Distillers
51	Fire extinguishing arrangements	52	Steering machinery
		53	Windlass

AUXILIARY ENGINES

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

REPAIRS TO MAIN ENGINE H.P. CYLINDER ASTERN ECCENTRIC STRAP:-

It was stated that whilst manoeuvring in the harbour prior to sailing from Madras the Main Engine astern eccentric straps were found broken and its bolts were bent.

Upon examination both top and bottom halves on the H.P. astern eccentric straps were found broken and its bolts bent and one of the distance pieces of the strap fractured.

NOW DONE:- The H.P. piston valve was removed and valve and liner and valve gear examined and found in good condition. The bottom of valve casing was carefully examined for any foreign matter and found clear. As the Chief Engineer stated that at the previous port the piston valve compression was increased by inserting an extra liner in the spring, this extra liner was now removed to reduce spring compression.

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., CALCUTTA material of the defective item and whether it is a forging, casting or welded fabrication. Any alteration or existing particulars in the Register Book should also be reported above.

pt. 9A (cont.)

Ship's Name SS/MR "JALAKANYA"

Port MADRAS

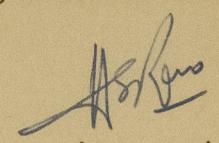
Rpt. No. 1723

REPAIRS TO MAIN ENGINE H.P. CYLINDER ASTERN ECCENTRIC STRAP:-

NOW DONE:- (Contd/-)

A new eccentric strap complete with bolts and distance pieces taken from "JALAMANJARI", a sister ship in port at the time was now fitted after bedding both straps on the sheave.

On completion of repairs the main engines were examined working and manoeuvring satisfactorily.



(H.S. RAO)

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.

