

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? YESDamage 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

n. rods, top ends
& guides centreCrankpins &
bearings centreJournals &
bearings

Side

Side

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

Cyls., covers,
pistons & rods

7

Con. rods &
top endsCrankpins &
bearings

9

Journals &
bearingsCoolers &
safety devices

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

Cyls., covers,
pistons & rods

12

Con. rods &
top endsCrankpins &
bearings

14

Journals &
bearings

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

15

Levers

Casings, rotors,
blading, bearings
& thrustsReduction
gearingScavenge
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
ult with as previously recommended.

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

of Committee

e

WEDNESDAY 28 NOV. 1962

As now subject.

Surveyor to Lloyd's Register of Shipping

(H. S. RAO)

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

003541-003548-0165 1/2

119 NOV 1962

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

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

34 Crankcase doors & explosion relief devices

36 Essential independent pumps

37 Bilge, ballast & oil fuel suction lines, fittings & controls

39 Fresh water coolers

41 Heaters (state service)

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)

48 Have all evaporators safety valves been tested under steam?

51 Fire extinguishing arrangements

38 Have the remaining piping arrangements & fittings in the machinery space been examined as considered necessary?

40 Lub. oil coolers

42 Feed water filters

44 Starting air pipes

49 Evaporators HP & LP

50 Distillers

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 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 distances 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

(H.S. RAO)

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.



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Foundation