

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

Ship's Name SS/MS "INDIAN ENDEAVOUR" LR 516027

19 JUL 1966

Gross tons 7306

Port of Registry Calcutta

Port Calcutta

Date of build 8/1945

Is there a rpt. 8? No

Rpt. No. 2428

No. of visits 2

First date 1.7.66

Last date 5.7.66

Interim Cert. issued & copy herewith? Yes

Damage rpt. issued & copy herewith? No

Last rpt. (H.Q. only) LR 167909

Date of completing rpt. 7.7.66

Surveyed at, if different from Port above

Is a rpt. 9B attached? No

MN (510) Nature of survey Repairs

Survey fees
Rs. 300/-

Damage fee

Expenses
Rs. 30/-

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
15		15	Lever

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

16	Casings, rotors blading, bearings & thrusts		
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.

(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

Minute

MONDAY - 1 AUG 1966

As now

A. SENGUPTA
Surveyor to Lloyd's Register of Shipping

p. t. o.

FOR CHAIRMAN
CLASSN. CTTEE

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

A 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 subjected 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

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NO BY
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Lloyd's Register
Foundation

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	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)		

State Port P. or Starboard S.

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

Identify by position

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 vessel's Chief Engineer that a knocking sound was heard from L.P. cylinder on passage from Bombay to Calcutta at this time. It was suspected that the L.P. piston rod was bent.

The L.P. cylinder now opened up and piston rod checked for truth and found satisfactory. It was found that taper of the piston rod was not sitting properly in the taper of the crosshead. The crosshead taper now machined as per sketch and subsequently bedding examined with taper of rod and found satisfactory. The L.P. guide clearances also now adjusted.



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 be reported above.

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Port CALCUTTA Rpt. No. 2428

On completion of repairs, the engine examined at 30 r.p.m. in both ahead and astern directions and found satisfactory.

From Bengtson

