

Rpt. 9

29 JUN 1962

Date of writing report 19/6/62

Received London

Port CALCUTTA

No. 20747

Survey held at CALCUTTA

No. of visits TWO

First date 26/5/62

Last Date 15/6/62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R. B. 04157 S.S. Name M. V. "BHARATVIJAYA" Gross tons 5976 Date of build 1943 - 1

Owners Bharat Line Ltd., Managers Port of Registry BOMBAY

Engines made Sld. By George Clark (1938) Ltd., Type T 3 Cy

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers 3 SB W. P. 220 lb

No. of Aux/Donkey Boilers W. P.

Surveyed Afloat or in dry Dock Afloat

Nature of Survey Condition of Class

Was Damage Report issued? No Int. Cert? Yes

Last Report (For Head Office only) 20668 col

RETAIN

WRECK SECTION
No 78

Hull	Machinery
+100 A1	+LMC
with freeboard	ES. 10-58
5-61	M. 10-60
ss. 10-58	CL. 1-60N
	sps. 10-58

The condition of any of the following items is to be described as "good" only when the part 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 it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; 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.

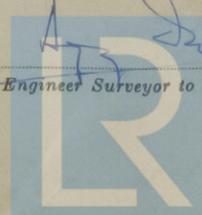
- DOCKING Propellers Wear Down of Stern Bushes Oil Glands Sea Connections
- Fastenings Has Screwshaft/Tubeshaft been drawn? Date of Examination Has Shaft been changed?
- Has Shaft now fitted been previously used? Has Shaft now examined/fitted a continuous liner? Approved Oil gland
- MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD
- 1 Cyls., Covers, Pistons & Rods
- 2 Valves & Gears
- 3 Connecting Rods, Top Ends & Guides { Side Centre
- 4 Crankpins & Bearings { Side Centre
- 5 Journal & Bearings
- MAIN ENGINE DRIVEN AIR COMPRESSORS
- 6 Cyls., Covers, Pistons & Rods
- 7 Connecting Rods & Top Ends
- 8 Crankpins & Bearings
- 9 Journals & Bearings
- 10 Coolers & Safety Devices
- MAIN ENGINE DRIVEN SCAVENGE PUMPS
- 11 Cyls., Covers, Pistons & Rods
- 12 Connecting Rods & Top Ends
- 13 Crankpins & Bearings
- 14 Journals & Bearings
- 15 Levers
- 16 SCAVENGE BLOWERS
- 17 SUPERCHARGERS
- MAIN TURBINES
- 18 Casings, Rotors, Blading, Bearings & Thrusts
- 19 EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)
- 20 STEAM COMPRESSORS
- 21 CLUTCHES & HYDRAULIC COUPLINGS
- 22 REDUCTION GEARING
- 23 THRUST BLOCKS, SHAFTS & BEARINGS
- 24 INTERMEDIATE SHAFT & BEARINGS
- 25 HOLDING DOWN BOLTS & CHOCKS
- 26 CONDENSERS (MAIN & AUX.)
- 27 STEAM RE-HEATERS
- 28 DE-SUPERHEATERS
- 29 STOP & MANŒUVRING VALVES
- 30 MAIN ENGINE DRIVEN PUMPS
- 31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES Have Main Engines been tested working and manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel is eligible in my opinion to remain as classed without fresh record subject to grooving in gooseneck of all three furnaces of the starboard boiler being repaired and the governors of both generators being placed in working order by July 1962 (6 weeks limit).

Date of Committee TUESDAY 10 JUL 1962
Decision Repaired for comp. MBS. Subject.

AJOY DUTTA, Engineer Surveyor to Lloyd's Register of Shipping

Noted for Header



Lloyd's Register Foundation



Vertical text on the left margin: "If so, is the Report sent now, or when will it be sent?"

Vertical text on the right margin: "If certificate is required state where to be sent."

Vertical text on the bottom left margin: "This Certificate is issued..."

W. B. Som. (ed. cons.)

003092-003099-0254

32 Essential Independent Pumps (Identify by position) _____

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls _____

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? _____

35 Fresh Water Coolers _____ 36 Lub. Oil Coolers _____ 37 Heaters (state service) _____

38 Independent Air Compressors, Coolers & Safety Devices _____

39 Air Receivers & Safety Devices—Main _____ 40 Auxiliary _____

41 Oil Fuel Tanks (Not forming part of hull structure) _____

42 Evaporators _____ 43 Have Evaporator Safety Valves been tested under steam? _____

44 Steering Machinery _____ 45 Windlass _____ 46 Fire Extinguishing Arrangements _____

AUXILIARY ENGINES (Identify by position) _____

PROPULSION	PORT	ELECTRICAL EQUIPMENT STARBOARD	AUXILIARY EQUIPMENT
a Generators	_____	_____	l Generators & Governors
b Exciters	_____	_____	m Motors
c Air Coolers	_____	_____	n Switchboards & Fittings
d Motors	_____	_____	o Circuit Breakers
e Air Coolers	_____	_____	p Cables
f Control Gear, Cables, etc.	_____	_____	q Insulation Resistance
g Insulation Resistance	_____	_____	r Steering Gear Generators & Motors
h Insulating Oil Test	_____	_____	s Navigation Light Indicators
i Overspeed Governors	_____	_____	
j Magnetic Couplings	_____	_____	
k Air Gap	_____	_____	

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN _____ AUXILIARY, DONKEY or PRESS _____

Superheaters _____

Safety Valves _____

Mountings, Doors & Fastenings _____

Safety Valves Adjusted to { Sat. _____
Spt. _____

Boiler Securing Arrangements _____

Main Economisers _____ Exhaust Gas Heated Economisers _____

Steam Heated Steam Generators _____ Steam Generators safety Valves Adjusted to _____

Were Oil Burning System & Remote Controls Examined working in accordance with Rules? _____ Forced Circulating Pumps _____

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? _____ Funnel _____

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main _____ Auxiliary (over 3 in. bore) _____

Were Copper Pipes annealed? _____ Have Saturated Pipes in cylindrical boiler smoke boxes been tested? _____

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

Conditions of Class SRL No.189 Ref. Our Report 9 No.20551 dated 7/2/62.

(1) Grooving in gooseneck of all three furnaces of the starboard boiler.- It has been stated by Owners Representative that the ship will now proceed to Bombay where she will be laid up for survey or for scrapping. Under the circumstances it was requested that a deferment of repairs be allowed. All three furnaces of the above boiler have now been examined and considered efficient meantime. It is recommended, however, that repairs to these furnaces be carried out by July 1962, (6 weeks limit).

(2) Generators - The armature of the outboard dynamo has been fitted this time. Both generators were run and dynamos tested. The governors of both generators were found disconnected. Owners Representative requested that a deferment of repairs be allowed. It was observed that the generated power on this ship was mainly utilised for lighting and ventilation. It is recommended, however, that the governors for both generators be repaired and fitted by July 1962 (six weeks limit).

LEAVE THIS SPACE BLANK

Survey fees Condition of Class Rs.200/-

Damage fees ...

Expenses ...

Date when A/c rendered 21/6/62



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