

Rpt. 9

Date of writing report 22/8/61

Survey held at CALCUTTA

WRECK
SECTION

Received London

No. of visits FIVE

WRECK
SECTION

Port

CALCUTTA

No. 20273

First date 22/7/61

Last Date 7/8/61

-4. SL. 1961

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R. B. 16023 S.S. "JAG SHANTI"
Owners Great Eastern Shipping Co. Ltd. Managers A.H. Bhiwandiwalla & Co. Ltd. Gross tons 6331 Date of build 1941 - 8
Engines made Gl.s. By D. Rowan & Co. Ltd. Type T 3 Cy. Port of Registry BOMBAY
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 2 SB W. P. 220 1b
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)

Records of Survey & Special Notations as per Register Book

| Hull | Machinery |
|----------------|-----------|
| +100 A1 | +LMC |
| with freeboard | ES. 7-58 |
| 5-60 | M. 6-60 |
| ss. 7-58 | CL. 5-58 |
| | sps. 6-60 |

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 so far as now seen is in efficient condition and eligible to remain as classed without fresh record of survey and without the condition of class on the Starboard Boiler Smoke Tubes but subject to the Main Circulating Pump engine crankshaft being specially examined and dealt with as necessary by end September 1961 (2 months limit) and to all other conditions of class being dealt with as previously recommended.

FRIDAY 15 SEP 1961

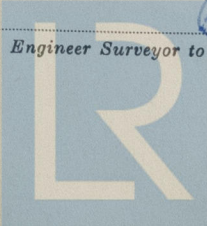
Date of Committee

Decision

See Wreck Report

Noted
for
Header

S.M. BHOLA.
Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register
Foundation

002923-002928-0155

If certificate is required state where to be sent

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)

1. Condition of Class. Reference Bombay Interim Certificate dated 17th June 1961. "Smoke Tubes of Starboard Boiler to be specially examined and dealt with as necessary by 7/61".
Now Done - 24 Nos. badly wasted plain tubes renewed at this time.
Boiler examined under hydraulic test and found tight.
Reference Air heater tube and Inboard Low Furnace - nothing done this time.
It is submitted the condition related to Starboard Boiler Smoke tubes may now be deleted.

2. Condition of Class - Reference Madras Interim Certificate dated 8/7/61. "Main Circulating Pump Engine crankshaft to be renewed at Calcutta".
Now Done - A used crankshaft from a similar engine fitted at this time. Crankshaft Pin and Journals slightly grooved. Same now ground and polished. Bearings remetalled. Pump examined working and found satisfactory. It was stated that the vessel was going to be scrapped at the end of the present voyage to Bombay and in the event of the vessel making another voyage, a new crankshaft will be fitted. It is recommended that the Main Circulating Pump crankshaft be specially examined by end September 1961 (2 months limit). Meantime considered efficient.

LEAVE THIS SPACE BLANK

Survey fees Condition of Class Rs.200/-
Repairs Rs.200/-

Damage fees ...
Expenses ... Rs. 50/-

Date when A/c rendered

23/8/61

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