

Rpt. 9

Date of writing report27/6/62

Received London

PortCALCUTTA

No.20762

Survey held atCALCUTTA

No. of visits6

First date21/5/62

Last Date19/6/62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R. B.16065

S.S. Name M. V."

Gross tons7180

Date of build1943

OwnersKamal Shipping Co. Ltd.,

Managers/

Port of RegistryBOMBAY

Engines madePld.

ByIron Fireman Mfg. Co.

TypeT 3 Cy

No. of Main Engines1

No. of Screws1

No. of Main Boilers2

WTB

W. P.250 lb

Spt.230 lb

No. of Aux/Donkey Boilers

W. P.

Surveyed Afloat or in dry DockAfloat

Nature of SurveyMBS

Was Damage Report issued?No

Int. Cert?Yes

Last Report (For Head Office only)

Hull100 A1

3-62

ss.M. 3-62 - 12 mos.

DTa-oil FP above 150°F

MachineryLMC

ES.3-57

M.5-61

CL.5-61

sps.3-57

Records of Survey & Special Notations as per Register Book

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 & MANEUVRING VALVES

30 MAIN ENGINE DRIVEN PUMPS

31 CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel is eligible in my opinion to remain as classed with fresh record of MBS.6/62 subject to all outstanding conditions of class being dealt with as previously recommended.

Date of Committee

Decision

WEDNESDAY 15 AUG 1962

Deferred for comp. ES

Subject: MBS. 6/62

Noted for Header

H. ALLEN.

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register Foundation

003541-003548-0179



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)

Table with 4 columns: PROPULSION, PORT, ELECTRICAL EQUIPMENT (STARBOARD), and AUXILIARY EQUIPMENT. Rows include Generators, Exciters, Air Coolers, Motors, Control Gear, Cables, etc., Insulation Resistance, Insulating Oil Test, Overspeed Governors, Magnetic Couplings, and Air Gap.

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN PORT 11/6/62 GOOD
STBD. 30/5/62 GOOD
Superheaters GOOD
Safety Valves GOOD
Mountings, Doors & Fastenings GOOD

BOTH BOILERS
Safety Valves Adjusted to { Sat. 250 lb/sq.inch, Spt. 230 lb/sq.inch
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? YES
Forced Circulating Pumps
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Funnel GOOD

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)

W & T Repairs
Stbd. boiler back header support girder found to be bowed outwards approx. 1 1/2" and the tack welding of the expansion trough to girder fractured. The girder, it was concluded, had become overheated due to defective furnace back wall brickwork, the brickwork had been removed at the time of examination.
Now done
Girder specially examined & found to remain efficient. Tack welding of trough to girder made good. Furnace back wall brickwork renewed. Repairs examined on completion and found satisfactory.
It is recommended however that a note be made in the SRL Appendix "Stbd. boiler back header support girder buckled".

LEAVE THIS SPACE BLANK



Survey fees MBS. Rs. 1120/-
Repairs Rs. 150/-

Damage fees ...
Expenses ... Rs. 60/-

Date when A/c rendered 5/7/62

