

Rpt. 9

Date of writing report 6.11.1958.

Survey held at Bombay

WRECK
SECTION

11 NOV 1958

No.

Port BOMBAY.

No. 12866.

First date AND

Last date 29.7.1958.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.H. 77365. Name **"RUBINA"**

Gross ton 683.

Date of built 1945.

Owners Tankers Ltd.

Managers

Port of Registry Bombay.

Engines made Win. By Sulzer Bros. Ltd.

Type 25A .9Cy.

No. of Main Engines 1. No. of Screws 1.

No. of Main Boilers - W.P. -

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Afloat.

Nature of Survey Repair.

Was Damage Report issued? No Int. Cert.: No

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

BS	MBS	TS
for service in the Mediterranean & Red Sea, also coasting South & South East Asia to Hong Kong including Indonesia.		
Tanker - oils FP above 1500F.		
Classed.		
ss.	Pir.	4-52:

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 must 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 Tubes 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

Cyls., Covers, Pistons & Rods

Valves & Gears

Connecting Rods, Top Ends & Guides

Crankpins & Bearings

Journals & Bearings

MAIN ENGINE DRIVEN AIR COMPRESSORS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Valves & Safety Devices

MAIN ENGINE DRIVEN SCAVENGE PUMPS

Cyls., Covers, Pistons & Rods

Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

SCAVENGE BLOWERS

SCAVENGE PUMPS

TURBINES

Cyls., Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

AIR COMPRESSORS

PUMPS & HYDRAULIC COUPLINGS

REDUCTION GEARING

RUST BLOCKS, SHAFTS & BEARINGS

IMMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

HEAT EXCHANGERS

SUPERHEATERS

MANEUVERING VALVES

ENGINE DRIVEN PUMPS

CASE DOORS & EXPLOSION RELIEF DEVICES

COMMISSIONING OF MACHINERY AND RECOMMENDATIONS

Committee.

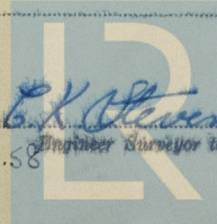
Have Main Engines been tested working and maneuvering? This report is forwarded for the information of the

TUESDAY - 2 DEC 1958

Noted

(Laid Up - Surveys & Repairs overdue 4.56

See Committee minute 10.10.58

Noted
for
Header

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Lloyd's Register
Foundation

003344-003356-0082

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).....

ELECTRICAL EQUIPMENT			
PROPULSION	PORT	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 and 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 Generator Safety Valves Adjusted to.....
Were Oil Barring 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?..... Fuel.....

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)

At the request of the owners examined machinery for repairs.

The screw shaft was uncoupled from the intermediate shaft and found to be seized in the stem tube, a chain block was necessary to turn the shaft. The main engine was partly examined, six main bearing caps found broken, one (at least) bottom half bearing wiped.

Opening up of engine for examination to ascertain full extent of damage and opening out of oil pumps recommended. Screwshaft also to be withdrawn for examination.

Since this first examination nothing has been done either to carry out repairs or to ascertain the full extent of the damage. The ship is laid-up and the owners have intimated that they do not intend carrying out repairs.

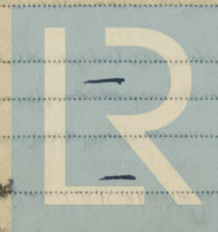
LEAVE THIS SPACE BLANK

Survey fees.....

Damage fee.....

Expenses.....

Date when A/c rendered.....



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Noted.

14/11/58