

8 DEC. 1950

Rpt. 9

Date of writing report 23.12.60

Received London

Port Karachi

No. 3215

Survey held at Karachi

No. of visits

First date 1.12.59

Last date 21.11.60

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 61218 S.S. Name M.V. "FORMA"

Gross tons 471 Date of build 1941

Owners East & West Steamship Co.

Managers --

Port of Registry Karachi

Engines made 1941 By Lobnitz & Co. Ltd., Rnf

Type Recip steam

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 1 W.P. 2001b

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

Surveyed Afloat or in Dry Dock Afloat & Drydock

Nature of Survey Dkg. & MBS

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

Last Report (For Head Office only)

Hull	Machinery
A1	LMC 1,59
7,58	MBS 10,58
S.S. 1,59	OG 7,58
	sps 1,59

Yes Now

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 Good Wear Down of Stern Bushes Remetalled Oil Glands Good Sea Connections Good
Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 3.3.60 Has Shaft been changed? No
Has Shaft now fitted been previously used? -- Has Shaft now examined/checked a continuous liner? No Approved oil gland? Yes

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 Journals & 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 SHAFTS & BEARINGS

25 HOLDING DOWN BOLTS & CHOCKS

26 CONDENSERS (MAIN & AUX.)

27 STEAM RE-HEATERS

28 DE-SUPERHEATERS

29 STOP & MANOEUVRING 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, so far as now seen, is eligible in my opinion to remain as classed with fresh record of TSOG 11.60 now and subject to the Main Boiler not being used until repaired.

Date of Committee TUESDAY 24 JAN 1961

Decision As now, subject

TS 11.60

40m,3.58 T. (MADE AND PRINTED IN ENGLAND.)

Engineer Surveyor to Lloyd's Register of Shipping

002659-002666-0028

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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 21.11.60 + AUXILIARY, DONKEY or PRESS
Superheaters
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to { Sat. Not adjusted
Spt.
Boiler Securing Arrangements Good
Main Economisers Exhaust Gas Heated Economisers
Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to
Were Oil Burning System & Remote Controls examined working in accordance with Rules? No 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)

Repairs: Wear & Tear:

The inner and outer stern bushes found excessively worn due to a blockage in the oil system. Both bushes remetalled and the oil system examined and tested after cleaning and found satisfactory.

Note: The screwshaft examined on the 3.3.60 but vessel not put in service due to boiler repairs and was subsequently drydocked for cleaning during November 1960. In these circumstances the record of TSOG 11.60 has been recommended.

Boiler repairs:

The boiler survey was commenced and 60 plain and 11 air heater tubes were removed for renewal. The Owners state that it is unlikely the vessel will resume service and at the present time do not intend to complete the repairs. In these circumstances it is recommended that the Main Boiler should not be used until repaired.

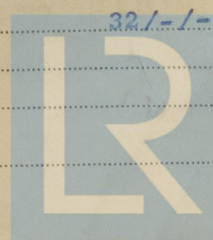
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Survey fees M.B.S. Rs 280/-/-
T.S.O.B. 175/-/-

Damage fee ...

Expenses... Trav. 32/-/-

Date when A/c rendered



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