

Rpt. 9

Date of writing report 4.4.59

Received London

Port Karachi

No. 2915

Survey held at Karachi

No. of visits 3

First date 28.5.58

Last date 25.3.59

15 APR 1959

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 61433 Name ^{S.S.} MV "FRITHA" Gross tons 467 Date of build 1942

Owners East & West Steamship Co. Managers -- Port of Registry Karachi

Engines made 1942 By Lobnitz & Co. Ltd., Rnf. Type Steam recip.

No. of Main Engines 1 No. of Screws 1

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

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

Surveyed Afloat or in Dry Dock Both

Nature of Survey T.S. & M.B.S.

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
A.1	LMC 2/55
with freeboard	BS M12/56
5/55	OG 4/54
ssKrh 2/55	sps 2/55

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 .031 ins. Oil Glands Good Sea Connections --

Fastenings Good Has Screwshaft Tubeshaft been drawn? Yes Date of Examination 28.5.58 Has Shaft been changed? No

Has Shaft now fitted been previously used? -- Has Shaft now examined/fitted a continuous liner? No Approved oil gland? Yes

MAIN ENGINES (Recip. Steam or I.G.) 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 manœuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel, so far as now seen, is eligible to remain as classed with fresh record of O.G. 5,58 now and M.B.S. 6,58 when the boiler has been repaired and the survey completed. The notation "Laid up - pending survey and repairs" is to be made in the Register Book.

THURSDAY 30 APR 1959

Date of Committee Decision Deferred for ES & CPMS

but 15.5.58

Noted for Header

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 Engineer Surveyor to Lloyd's Register of Shipping
 Lloyd's Register Foundation
 002790-002797-0134

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)

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

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

MAIN 25.6.58 † AUXILIARY, DONKEY or PRESS

Superheaters

Safety Valves Good

Mountings, Doors & Fastenings Good

Safety Valves Adjusted to { Sat.

{ 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? 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)

To complete the M.B.S. the three bottom rows of tubes in the centre nest remain to be renewed, the boiler subsequently examined under steam and its safety valves adjusted. The oil fuel burning and fire extinguishing arrangements also remain to be examined and tested. The Owners have stated that the repairs will be carried out when they have tubes available and the survey will be completed thereafter.

LEAVE THIS SPACE BLANK

JMA

Survey fees T.S. Rs 90/-
M.B.S. 225/-

Damage fee ...

Expenses... Trav. 24/-

Date when A/c rendered