

RETAIN

6 APR 1962

Rpt. 9

Date of writing report 23.3.62 Received London Port Karachi No. 3162
Survey held at Karachi No. of visits 3 First date 23.2.62 Last date 16.3.62

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 11092 Name S.S. FIRDAUSA M.V. East & West Steamship Co. (1961) Gross tons 7928 Date of build 12-1923
Engines made 1923 By Richardsons Westgarth Type 2 Steam Turbines SR geared to sc. shaft
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 4 W.P. 1901b
No. of Aux./Donkey Boilers W.P.
Surveyed Afloat or in Dry Dock afloat
Nature of Survey Repair
Was Damage Report issued? - Int. Cert.? yes
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
+ 100A1	+LMC
Shelter dk with freeboard	E.S. 7,57
S.S. 7,57	M.B.S. 5,60
Dr. 8,48	E.L. 10,59
D.S. 6,61	S.P.S. 10,59

164 - bhg

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 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

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel as now seen is in good condition and eligible in my opinion to remain as classed without fresh record of survey subject to the Port main heater not being used until its safety valves and defectives tubes are placed in good condition.

Date of Committee WEDNESDAY 18 APR 1962
Decision Deferred for ES (by 762) (subject)

Noted for Header



003307-003310-0106

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 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 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)

Repair Wear & Tear.

Forward Main Boiler:-

Attended as requested to examine Port side low furnace and found slight bulge at the 6th corrugation Approx 6" across x 3/4" deep. Some evidence of local overheating was noted at this point. Now fitted with circumferential stiffener over half circumference of furnace secured by intermittent electric welding. Hydraulic tested on completion of repairs and found tight.

LEAVE THIS SPACE BLANK

Survey fees
Repairs Rs 250/-

Damage fee
Expenses... Rs 24/-

Date when A/c rendered.....



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