

Rpt. 9

Date of writing report 20th February, 1960

Survey held at COLOMBO

WRECK  
SECTION

Received London  
No. of visits SIX

Port COLOMBO

First date 31/1/60

No. 4586

Last date 13/2/60

16 MAR 1960

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 42885 Name M.V. "DAI HATIM" Gross tons 460 Date of build 4-1949  
Owners Gulf Steamship Ltd. Managers - Port of Registry KARACHI  
Engines made S.Fo. By Enterprise Eng. & Fdry. Co. Type Oil Engine 4SA 8Cy.  
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 REPAIRS.  
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
+100A1	+LMC ES 1/59
DS 5/59	TS OG 11/59
SS 11/59	

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 LUBRICATING OIL GOOD

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 in good condition, eligible in my opinion, to remain as classed without fresh record of survey, subject to the main engine lubricating oil filter being repaired before the end of March 1960 and to any outstanding conditions of class being dealt with as previously recommended.

Date of Committee

Decision

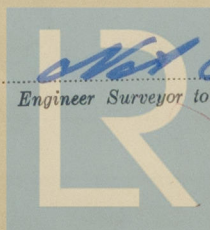
TUESDAY 29 MAR 1960

As now subject

50m, 6.56. T. (MADE AND PRINTED IN ENGLAND.)

Noted  
for  
Header

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Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register  
Foundation

002701-002710-0131 1/2

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 ..... 40 Auxiliary .....

39 Air Receivers & Safety devices—Main ..... 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		AUXILIARY EQUIPMENT	
PROPULSION	PORT	STARBOARD	
a Generators .....		1 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)

Repairs:- The vessel's Master stated that during the past voyage, the main engine driven lubricating oil pump and also the independent driven main engine lubricating pumps had not been working satisfactorily.

Found:- (Main engine attached pump), clearance between gears and pump casing end plate .009", due to the use of thick jointing material.  
Delivery valves and relief valves not seating due to dirt.  
(Independent driven pump), pump gland drawing air.

Now Done:- Main engine attached pump valves ground in and gear end clearance reduced by means of suitable jointing material.  
Independent driven pump, gland repacked.

On completion of repairs both pumps were tested under working conditions and found good.

Continued .....

Repair Survey fees ..... Rs. 500.00

Damage fee .....

Expenses... Rs. 54.00

Sunday Fee Rs. 100.00

Date when A/c rendered 20th Feb. 1960.

Rpt. 9a

Port of COLOMBO.

Continuation of Report No. 4586

dated 20th February, 1960 on the m.v. "DAI HATIM"

During the survey, it was noted that the filtering element in the lubricating oil filter had been removed and lost and a cartridge type element was made locally at this time and fitted. In order to clean the filter now fitted, it will be necessary to stop the main engine and the vessel's Master has been advised to obtain a filter in accordance with the original design on arrival at Karachi where the vessel is proceeding direct.

Recommended That the main engine lubricating oil filter be repaired before the end of March 1960. In the meantime considered efficient.

Surveyors KARACHI ADVISED.

*N.A. Dawson*

(N.A. DAWSON)

SURVEYOR TO LLOYD'S REGISTER OF SHIPPING.



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