

Rpt. 9

Date of writing report 6/7/62. Received London HULL. Port HULL. No. 67910  
Survey held at HULL. No. of visits Two. First date 28/6/62. Last date 5/7/62.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 02948 S.S. "AUTOCRAT" (Tug). Gross tons 128 Date of build 1915  
Owners United Towing Co. Ltd. Managers - Port of Registry Hull.  
Engines made Hul. By Earle's Co. Ltd. Type Triple Expsn. 3 cyl.

Records of Survey & Special Notations as per Register Book			
	Hull	Machinery	
No. of Main Engines 1 No. of Screws 1			
No. of Main Boilers 1 W.P. 180 lb.			
No. of Aux./Donkey Boilers - W.P. -			
Surveyed Afloat or in Dry Dock Afloat & drydock.	*100A1 tug 6,61	*LMC 5,59	
Nature of Survey D.S. & M.B.S.	s.s. 5,59	MBS 6,61	
Was Damage Report issued? No. Int. Cert.? Yes.		TSOG 6,61	
Last Report (For Head Office only)		SPS 6,60	

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 Close fit. Oil Glands Oil tight. Sea Connections  
Fastenings Good. Has Screwshaft Tubeshaft been drawn? No. 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

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 MBS 7,62.

Date of Committee as now  
Decision MBS 7.62

50m,4,59 T. (MADE AND PRINTED IN ENGLAND)



- 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				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 28/6/62, good.

AUXILIARY, DONKEY or PRESS

~~Superheaters~~

Safety Valves Good.

Mountings, Doors & Fastenings Good.

Safety Valves Adjusted to (Sat. 180 lb/sq. inch.)

Boiler Securing Arrangements Good.

Exhaust Gas Heated Economisers

Main Economisers

Steam Heated Steam Generators

Steam Generator Safety Valves Adjusted to

Coal fired.

Forced Circulating Pumps

Were Oil Burning System & Remote Controls examined working in accordance with Rules?

Funnel

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?

EXAMINATION & TESTING OF STEAM PIPES (State material)

Auxiliary (over 3 in. bore)

Main

Have Saturated Pipes in cylindrical boiler smoke boxes been tested?

Were Copper Pipes annealed?

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)

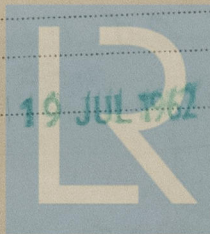
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Survey fees ... MBS. £8.

Damage fee ... 6s.

Expenses...

Date when A/c rendered 19 JUL 1962



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Lloyd's Register Foundation

MBS due 6.62 now held  
It is submitted that this  
vessel is eligible for THE  
RECORD. MBS. 7.62  
31/7/62