

-9 JUL 1962

20 JUL 1962

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. Name "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. Table with columns for Hull and Machinery. Hull: 100A1 tug 6,61; s.s. 5,59. Machinery: LMC 5,59; MBS 6,61; TSOG 6,61; SPS 6,60.

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 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

SCAVENGE BLOWERS SUPERCHARGERS

MAIN TURBINES

- 18 Casings, Rotors, Blading, Bearings & Thrusts

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS

INTERMEDIATE SHAFTS & BEARINGS

HOLDING DOWN BOLTS & CHOCKS

CONDENSERS (MAIN & AUX.)

STEAM RE-HEATERS

DE-SUPERHEATERS

STOP & MANOEUVRING VALVES

MAIN ENGINE DRIVEN PUMPS

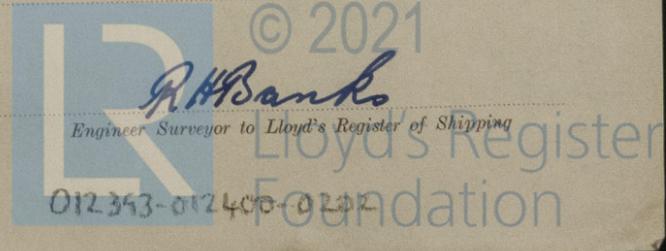
CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

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 Decision as now MBS 7.62

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

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 | ELECTRICAL EQUIPMENT | | AUXILIARY EQUIPMENT |
|-----------------------------------|----------------------|-----------|---|
| | 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.)
 (180)

Boiler Securing Arrangements Good.

Main Economisers

Steam Heated Steam Generators

Exhaust Gas Heated Economisers

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)

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)

LEAVE THIS SPACE BLANK

MBS checked 2000 delld
 Study
 It is submitted that this vessel is eligible for THE RECORD. MBS. 7.62
 JH 31/7/62

Survey fees ... MBS. £8.

Damage fee ... 6s.

Expenses ...

Date when A/c rendered ... 19 JUL 1962

