

Rpt. 9

Date of writing report 7/10/60.

Survey held at Hull.

Received London

No. of visits 3.

Port Hull.

First date 8/9/60

Last date 5/10/60.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 86685 S.S. "YEOMAN" (Tug). Gross tons 55 Date of build 1944  
Name ~~NAV~~ Owners United Towing Co. Ltd. Managers - Port of Registry Hull.  
Engines made Sld. By N.E. Marine Eng. Co. (1938) Ltd. Type Compound. 2 cyl.

Records of Survey & Special Notations as per Register Book			
Hull		Machinery	
*At tug Harbour and river service 12,59		*LMC 3,58	
s.s. 3,58		MBS 12,59	
Reclassified 6,54		TSOG 5,57	
		SPS 6,54	

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 Good. Sea Connections No.  
Fastenings Good. Has Screwshaft been drawn? Yes. Date of Examination 8/9/60. Has Shaft been changed? No.  
Has Shaft now fitted been previously used? Has Shaft now examined/used a continuous liner? No. Approved oil gland? Yes.

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

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS  
The Machinery of this vessel so far as now seen, is eligible, in my opinion to remain as classed and have fresh record of TSOG 9,60 and MBS 10,60.

Date of Committee THURSDAY 10 NOV 1960

Decision MBS 10,60

TS 9,60

40m,4,57. T. (MADE AND PRINTED IN ENGLAND.)

Engineer Surveyor to Lloyd's Register of Shipping

013760 - 013769 - 0170



- 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 (stale 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) .....

ELECTRICAL EQUIPMENT	
PORT	STARBOARD
PROPULSION	
a Generators .....	1 Generators & Governors .....
b Exchangers .....	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 Both 13/9/60, Good. II AUXILIARY, DONKEY & PRESS.

Superheaters .....

Safety Valves .....

Mountings, Doors & Fastenings .....

Safety Valves Adjusted to Sat. 140 lb/sq. inch. X Spl. ....

Boiler Securing Arrangements .....

MAIN EXAMINATION & TESTING OF STEAM PIPES (State material)

Main .....

Were Copper Pipes annealed? .....

Auxiliary (over 3 in. bore) .....

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)

WEAR & TEAR REPAIRS:- Oil gland faces found worn and machined true.

MBL

M.B.S. due 12/60  
T.A. due 5/60.

It is submitted that this vessel is eligible for THE RECORD. M.B.S. 10/60  
T.A.(O.G.) 9/60  
P.W.P.  
8.11.60

LEAVE THIS SPACE BLANK

Survey fees ... MBS. £8.  
TSOG. £3.  
Damage fee ...  
Expenses... 65.  
Date when A/c rendered .....