

# REPORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

Date of writing Report 7-8-1948 When handed in at Local Office 7-8-1948 Port of Southampton  
 Survey held at Southampton Date First Survey 4-6-48 Last Survey 13-7-1948  
 on the Machinery of the Wood, Iron or Steel SS. Steam Tug LONGTOWN ex HENRY LANCASTER-37  
 Gross 358 Vessel built at Salby By whom Cochrane & Sons Ltd. When 1919 2.  
 Net 146 Engines made at Hull By whom C. D. Holmes & Co. Ltd. When 1919  
 Indicated Power 87 R.H.P. Boilers, when made (Main) 1919 (Donkey) ✓  
 Owners Overseas Towing & Salvage Co. Ltd. Owners' Address As recorded  
 Managers ✓ (if not already recorded in Appendix to Register Book.)  
 Main Boilers 200 lb. Port London Voyage ✓  
 Donkey Boilers ✓  
 If Surveyed Afloat or in Dry Dock On Slipway at White's Yard, Itchen Stn & Afloat.  
 (State name of Dock.)

Report No. \_\_\_\_\_ Port \_\_\_\_\_  
 Particulars of Examination and Repairs (if any) Repairs (Wear & Tear)  
 Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).  
 Character for Special Survey Date of last Survey and of Periodical Surveys. 100 A.1.  
 Sol Towing services 12.47.  
 Examined 10.46.  
 S.S. Abn. No. 3. 9.37.  
 S.S. Son. No. 1. 42.  
 Machinery and Boiler Surveys (including date of N.B., if any) L.M.C. 12.47.  
O.G. 10.46.

State for what reasons Boiler Survey not due. What parts of the Boilers could not be thus thoroughly examined? ✓  
 Special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler? ✓  
 Date of internal examination of each boiler ✓  
 Present condition of funnel(s) Efficient  
 Surveyor examine the Safety Valves of the Main Boilers? ✓ To what pressure were they afterwards adjusted under steam? ✓  
 Surveyor examine the Safety Valves of the Donkey Boilers? ✓ To what pressure were they afterwards adjusted under steam? ✓  
 Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? ✓ and of the Donkey Boilers? ✓  
 Surveyor examine the drain plugs of the Main Boilers? ✓ and of the Donkey Boilers? ✓  
 Surveyor examine all the mountings of the Main Boilers? ✓ and of the Donkey Boilers? ✓  
 screw shaft now been drawn and examined? No Has it a continuous liner? ✓ Is an approved oil retaining appliance fitted at the after end? Yes  
 Has the shaft now fitted been previously used? ✓ Has it a continuous liner? ✓  
 State date of examination of Screw Shaft \_\_\_\_\_ State the wear down in the \_\_\_\_\_  
 Is electric light and/or power fitted? ✓ If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? ✓  
 Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? ✓  
 Engine parts, when referred to by numbers, should be counted from forward.

Survey is not complete, state what arrangements have been made for its completion and what remains to be done Completed  
done:- Vessel placed on slipway. The propeller, after end of stern bush and outside fastenings of sea connections examined. Upon examination it was found that propeller blades were deeply pitted and approximately one third was broken off one blade. Propeller shaft wear down gauged and found to be as stated. Repairs. Propeller removed. Propeller shaft cone examined and found to be in good condition. New solid 4 bladed Cast Iron Propeller fitted. New Key also made and fitted and oil gland overhauled.

Observations, Opinion, and Recommendation:— The machinery of this vessel as now seen  
is in a good and safe working condition and is eligible in my opinion  
to remain as classed without fresh record of survey.

(per Section 29) \_\_\_\_\_ Fees applied for \_\_\_\_\_  
 Age or Repair Fee (if any) \_\_\_\_\_ Received by me, \_\_\_\_\_  
 Expenses (if chargeable) \_\_\_\_\_  
 WED. 1 SEP 1948  
 As now