

Report of Survey for Repairs, &c., of Engines and Boilers.

14.11.36 When handed in at Local Office 14 NOV 1936 Port of Liverpool

Survey held at Flutwood Date, First Survey Nov. 11 Last Survey 12 1936

13. on the Machinery of the Wood, Iron or Steel K "HERCULES IV" (No. of Visits 3)

Gross 261 Vessel built at Beverley By whom Cook Well'n & Gemmet When 1930 10

Net 103 Engines made at Hull By whom B. D. Holmes & Co. When 1930 10

Power 70R Boilers, when made (Main) 1930 (Donkey) ✓

Main Boilers 15B Owners J. Mass & Son Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)

Donkey Boilers ✓ Managers Port Flutwood Voyage

Pressure 200lb Main Boilers ✓ If Surveyed in Dry Dock Fish Dock Slipway. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Donkey Boilers ✓ (State name of Dock.)

Report No. Port

Particulars of Examination and Repairs (if any) T. S. (L).

Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on the nature of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and the nature and details of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he has rendered his services for this purpose, and why they were declined ✓

Has a damage report made by anyone else? If so, by whom? ✓

Has the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? ✓

Donkey " " " " ✓

Was not done, state for what reasons? ✓

What parts of the Boilers could not be thus thoroughly examined? ✓

What 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? ✓

Latest date of internal examination of each boiler Present condition of funnel(s) ✓

Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

Surveyor examine the Safety Valves of Donkey Boiler? ✓ 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 Boiler? ✓

Surveyor examine all the mountings of the Main Boilers? ✓ and of the Donkey Boiler? ✓

Screw shaft now been drawn and examined? Yes Is it fitted with continuous liner? Yes Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Shaft now been changed? No If so, state reasons ✓

Shaft now fitted been previously used? ✓ Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

Date of examination of Screw Shaft 12.11.36 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft Good fit.

Engine parts, when referred to by numbers, should be counted from forward. Is electric light and/or power fitted? ✓

Survey is not complete, state what arrangements have been made for its completion and what remains to be done Complete.

Don: Vessel placed on slipway. Examines propeller, screwshaft (cl), sternbush and fastenings, also thrustshaft. Wood of sternbush renewed.

General Observations, Opinion, and Recommendation:—The machinery of this vessel, so far as seen, is in efficient condition and in my opinion eligible to remain as classed with fresh record of (cl) seen 11, 36.

Fee (per Section 29) £ : : Fees applied for 19

Damage or Repair Fee (if any) (per Section 29.) £ : : Received by me, 19

Expenses (if chargeable) £ : : 17 NOV 1936

Committee's Minute LIVERPOOL

Signed As now. J.S. 11.36. Cl.

W486-0013