

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

(Received at London Office 21 MAR 1928)

of writing Report 20<sup>th</sup> March 1928 When handed in at Local Office 20<sup>th</sup> March 1928 Port of Barrow-in-Furness

in Survey held at Barrow Date, First Survey Last Survey 19<sup>th</sup> March 1928 (No. of Visits One)

on the Machinery of the Wood, Iron or Steel *Yankee Bucket Dredger "Piel"*

Gross 1226 Net 531 Vessel built at Port Glasgow By whom Ferguson Bros (Port Glasgow) Ltd When 1924-5

Engines made at *L* By whom *L* When 1927 (Donkey)

Boilers, when made (Main) 1927 (Donkey) Owners London, Midland & Scottish Ry. Co. Port London Voyage

Donkey Boilers Pressure Main Boilers 180 lb. If Surveyed Afloat or in Dry Dock *Graving Dock* Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER of Special Survey. Date of last Survey and of Periodical Surveys.	Years Allowed now expired.	Machinery and Boiler Surveys (Including date of N.B., if any).
100 A.1 Hopper Dredger 10.27		3.24 O.S.

Particulars of Examination and Repairs (if any) *Docking*

Medical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and details being detailed in the body of the report, should be briefly summarised at the end of the report. State also the names and initials of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined? Was a damage report made by anyone else? If so, by whom? *Yes*

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? *No*

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? *Boilers not due for survey*

What parts of the Boilers could not be thus thoroughly examined? *None*

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? *None*

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

Did the Surveyor examine the Safety Valves of Donkey Boiler? *Yes* To what pressure were they afterwards adjusted under steam? *Yes*

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? *Yes* and of the Donkey Boiler? *Yes*

Did the Surveyor examine the drain plugs of the Main Boilers? *Yes* and of the Donkey Boiler? *Yes*

Did the Surveyor examine all the mountings of the Main Boilers? *Yes* and of the Donkey Boiler? *Yes*

Has the screw shaft now been drawn and examined? *No* 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? *Yes*

Has the aft shaft now been changed? *Yes* If so, state reasons *Yes* Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? *Yes*

What is the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft? *9 1/32 S 1/16*

If the survey is not complete state what arrangements have been made for its completion and what remains to be done? *Complete*

Has the vessel been placed in Dry Dock? *Yes* The propellers after end of stern bushes and the fastenings of the sea connections examined and found in order.

General Observations, Opinion, and Recommendation:— The machinery of this vessel as far as seen is in good order and safe working condition and eligible in my opinion to remain as used without fresh period of survey.

State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9,11, R.&M.S. 9,11, or L.M.C. 9,11, 140 lb., F.D., &c.)

Fee (per Section 26) £ 19 Damage or Repair Fee (if any) (per Section 28.) £ 19 Working Expenses (if chargeable) £ 19

Fees applied for Received by me, 19

Committee's Minute TUES. 27 MAR 1928

Signed As above

Engineer Surveyor to Lloyd's Register of Shipping.

Is a Certificate required? If so, to be sent to

009610 - 209620 0005

Lloyd's Register Foundation

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*Docking.*

*It is submitted that  
this vessel is eligible to  
remain as OLISSED.*

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or to cause it to show through to the other side.

*L.P.  
22/3/28*

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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