Rpt. 9.

No. 75085

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

(Received at London Office SAT 31 DEC 1921 NEWCASTLE-ON-TYNE)

Date of writing Report 29th December 1921 When handed in at Local Office 30.12.1921 Port of

No. in Reg. Book. 26591 Survey held at North Shields Date, First Survey 29th Nov. Last Survey 23rd December 1921 (No. of Visits 11)

on the Machinery of the ~~Wood, Iron or~~ Steel S.K. "Othello". Master

Tonnage { Gross 201. Net 94.

Registered Horse Power 67.

No. of Main Boilers 1

No. of Donkey Boilers None.

Steam Pressure— in Main Boilers 180 lbs. in Donkey Boilers ✓

Vessel built at Selby By whom Cochrane & Sons When 1907-10 (YEAR. MONTH.)

Engines made at Hull By whom C. D. Holmes & Co When 1907

Boilers, when made (Main) 1921 (Donkey) ✓

Owners A. Bannister Port Grimsby Voyage

If Surveyed Afloat ~~or~~ and in Dry Dock Shields Eng. Co. Ld. (State name of Dock.)

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.	Years Assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+ 100 A1 7-14		+ LMC 7-20
SS Gms Nov 1-11		SS 2-19
Stm Trawler		TS (CL) 3-21
Examined 3-20		

Last Report No. Port

Particulars of Examination and Repairs (if any) New main boiler fitted.

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, 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 besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

In damage cases 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? ✓

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

Do. " Donkey " " " ✓

If this was not done, state for what reasons? Main boiler renewed.

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

Also 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? ✓

See Rpt 11b

Did the Surveyor examine the Safety Valves of the Main Boiler? ✓ To what pressure were they afterwards adjusted under steam? 185 lbs

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

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

Did the Surveyor examine the drain plugs of the Main Boilers? No, and of the Donkey Boiler? ✓

Did the Surveyor examine all the mountings of the Main Boilers? Yes. , and of the Donkey Boiler? ✓

Has 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? No.

Has shaft now been changed? No. If so, state reasons ✓

Is the shaft now fitted new? No. Has it a continuous liner? ✓ Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated? ✓

State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft? A good fit.

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

Now done:— The main boiler removed from vessel, and replaced by multitubular boiler for particulars please see Middlesbro' report No 11135.

Main steam pipe renewed. Tested to 360 lbs" water pressure before fitting.

Boiler mountings examined and safety valves adjusted under steam to the above pressure.

The propeller, tailshaft, sternbush and sea connections

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 classed and to have the notation + NB 12-21 and TS 12-21 ✠ GS 26. HS 1110. 1295. 2pf.

(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, B.&M.S. 9,11, or ✠ L.M.C. 9,11, 140 lb., F.D., &c.)

Survey Fee (per Section 28) £ : : Fees applied for 30.12.1921

Special ~~Damage or Repair~~ Fee (if any) (per Section 28.) £ 3 : 3 : 0 fitting on board

Travelling Expenses (if chargeable) £ : : Received by me, APR 1922

Committee's Minute TUE. JAN. 10 1922

Assigned + NB. 12.21

TUES. 2 NOV 1926 TUES. 30 AUG 1927 TUES. 4 MAY 1926 TUES. 1 MAR 1927

J. McMillan. Engineer Surveyor to Lloyd's Register of Shipping.

FRI. 25 SEP 1925 ~~TUE. JAN. 20 1923~~ TUES. 19 JAN 1926 TUE. FEB 20 1923 FRI. 9 JUL 1926 TUES. 7 OCT 1924 FRI. 12 APR 1929 FRI. 24 JUL 1925

(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Insert Character of Ship and Machinery precisely as in the Register Book.

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

W11135-0138

"Othello". (continued)

together with fastenings examined.

Propeller (cast iron, solid.) renewed.

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.

Quarter main boiler has been fitted, stern shaft examined & new propeller fitted.

It is submitted that this vessel is eligible for THE RECORD. + NB 12.21.

S 12.21.

2 pf. SS 36. HS 1295.

Expunge Rd 2-19.

AR 7/1/22.