

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

(Received at London Office - 5 FEB 1947)

Date of writing Report 3-2-1947 When handed in at Local Office 3-2-1947 Port of WEST HARTLEPOOL

No. in Reg. Book. Survey held at WEST HARTLEPOOL Date. First Survey 20-5-46 Last Survey 25-1-1947  
on the Machinery of the Wood, Iron or Steel SCREW TRAWLER "SPANIARD" EX HMT "INKPEN" (No. of Visits 17)

Tonnage { Gross \_\_\_\_\_ Net \_\_\_\_\_ Vessel built at Bersey By whom Boots, Weller & Gemmell, Ltd When 1942. 6  
 Nominal Horse Power 156 Engines made at Steele By whom Chas. D. Holmes & Co When 1942  
 No. of Main Boilers 1 Boilers, when made (Main) 1942 (Donkey) \_\_\_\_\_  
 Owners Steeley Bros. Owners' Address \_\_\_\_\_  
 No. of Donkey Boilers \_\_\_\_\_ Managers \_\_\_\_\_ (if not already recorded in Appendix to Register Book.)  
 Steam Pressure in Main Boilers 220 Port Steele Voyage Steele  
 in Donkey Boilers \_\_\_\_\_ If Surveyed Afloat or in Dry Dock Steele (State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER. Date of last Survey and of Periodical Surveys.	Years assigned to this class.	Machinery and Boiler Surveys (including date of N.B., if any).
<u>100 A1 6.42</u>	<u>6.42</u>	<u>LMC 6.42</u>
<u>Steam Trawler</u>		<u>T.S. C.L.</u>
<u>For Government Service.</u>		

Last Report No. \_\_\_\_\_ Port \_\_\_\_\_  
Particulars of Examination and Repairs (if any) LMC, T.S. & OF.

(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 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? Yes

" " Donkey " " " " \_\_\_\_\_

If this was not done, state for what reasons \_\_\_\_\_

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? \_\_\_\_\_

State latest date of internal examination of each boiler 29-1-47 Present condition of funnel(s) Good

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes To what pressure were they afterwards adjusted under steam? 220 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? Yes, and of the Donkey Boilers? \_\_\_\_\_

Did the Surveyor examine the drain plugs of the Main Boilers? None, and of the Donkey Boilers? \_\_\_\_\_

Did the Surveyor examine all the mountings of the Main Boilers? Yes, and of the Donkey Boilers? \_\_\_\_\_

Has the 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 \_\_\_\_\_

Has the 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? \_\_\_\_\_

State date of examination of Screw Shaft 14-6-46 State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 3/32"

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

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? \_\_\_\_\_

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? \_\_\_\_\_

If the Survey is not complete, state what arrangements have been made for its completion and what remains to be done To complete the survey:-

Extended spindles to be fitted to oil fuel section valves in stokehold. It is stated that this vessel is proceeding to Steele where superheaters are to be fitted.

Now done:- Vessel placed in Dry Dock. Screw shaft drawn in. Propeller, stern tube, screw shaft and sea connections and their fastenings examined.

Cylinders, pistons, slides, crank, thrust and intermediate shafts, main engine and independent pumps and pumping arrangements examined.

Condenser tubes removed & cleaned, condenser examined & tested.

General Observations, Opinion, and Recommendation:— The machinery of this vessel is in good condition and eligible in my opinion to have fresh record of 100 LMC 1.47 and notation of "Fitted for oil fuel 1.47 FP above 150°F" when extended spindles have been fitted to oil fuel section valves. Note: Screw shaft seen 6.46.47

(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, R.S. 9,11, B.&M.S. 9,11, L.M.C. 9,11, or CS 2,24.)

Survey Fee (per Section 29) LMC £ 9 : 0 : 0 Fees applied for \_\_\_\_\_

Special Damage or Repair Fee (if any) (per Section 29.) £ 5 : 5 : 0 \_\_\_\_\_

Travelling expenses (if chargeable) £ \_\_\_\_\_ Received by me, \_\_\_\_\_

Committee's Minute \_\_\_\_\_  
Assigned \_\_\_\_\_

FEB 28 MAR 1947

See Aul 54501

© 2020  
Engineer Surveyor to Lloyd's Register of Shipping.

Lloyd's Register Foundation

W1022-0233 1/2

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

S.T. SPANIARD.

The main steam pipes removed, annealed and tested to 660 lbs<sup>sq</sup>.

The boiler, its doors, mountings and fastenings examined throughout, examined under steam and its safety valves adjusted as over.

Repairs:- All dog stays and 123 combustion chamber stays and all plain tubes renewed.

Smith's Type oil fuel burning installation fitted in accordance with the approved plans and the requirements of the Rules. Certificate enclosed.

An oily water separator has been fitted.

Arthur W. Oxford.

RETAI

RETAI



© 2020

Lloyd's Register  
Foundation