

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

(Received at London Office

HULL

11 AUG 1947

Date of writing Report 28/7/1947 When handed in at Local Office 7 AUG 1947 Port of Hull

No. in Survey held at Hull Date First Survey 3.7.47 Last Survey 25/7/47

Reg. Book. 24139 on the Machinery of the Wood, Iron or Steel S.C. "Fort Pitt" (No. of Visits 1)

Tonnage Gross 7133 Vessel built at Vancouver B.C. By whom Burrard P.B. Co. When 1942-7

Net 4257 Engines made at Montreal By whom Dominion Eng Works When do

Nominal 508 Boilers, when made (Main) 1942 (Donkey) -

Horse Power 3(545) Owners Ministry of War Transport (If not already recorded in Appendix to Register Book.)

No. of Main Boilers 3(545) Managers H. Hogarth &amp; Sons Port Glasgow Voyage -

No. of Donkey Boilers - Surveyed Afloat or in Dry Dock King George Dock Particulars of Classification (which must be inserted precisely as in Register Book &amp; Supplements).

Steam Pressure 220 lb. in Main Boilers in Donkey Boilers -

Last Report No. Port

Particulars of Examination and Repairs (if any) advancement of M.S.

Periodical Surveys, when held, must be reported in detail and serially 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

" " Donkey " " " -

If not, state for what reasons Not done. 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? -

State latest date of internal examination of each boiler - Present condition of funnel(s) efficient.

Did the Surveyor examine the Safety Valves of the Main Boilers? - To what pressure were they afterwards adjusted under steam? -

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

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

Did the Surveyor examine the drain plugs of the Main Boilers? - and of the Donkey Boilers? -

Did the Surveyor examine all the mountings of the Main Boilers? - and of the Donkey Boilers? -

Has the screw shaft now been drawn and examined? No Has it a continuous liner? - Is an approved oil retaining appliance fitted at the after end? -

Has shaft now been changed? - If so, state reasons - Has the shaft now fitted been previously used? - Has it a continuous liner? -

Is an approved oil retaining appliance fitted at the after end? - State date of examination of Screw Shaft - State the wear down in the stern bush Afloat.

Is electric light and/or power fitted? yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? yes.

Has the insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? Yes See attached Report.

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

Now done:- (See also Liverpool Rpt N° 125267 &amp; Vanc Rpt N° 7183).

The following parts now examined &amp; found or placed in good order:-

H.P., M.P., &amp; L.P. cylinders &amp; pistons.

M.P., &amp; L.P. valves &amp; casings.

L.P. crankpin &amp; brasses.

All main bearings &amp; brasses.

Ballast &amp; Gen Service pumps &amp; feed pumps.

Pumping arrangements, &amp; ends of steam pipes.

To complete the survey the following items require to be examined:-

H.P. &amp; M.P. crankpins &amp; brasses; thrust &amp; inter shafts; main engine driven pumps; &amp; circ water pump. It is stated the survey will be completed at first convenient opportunity. (P.T.O.)

General Observations, Opinion, and Recommendation:- The machinery of this vessel, so far as

(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, &amp;c.; thus, for example, BS 3,11, B&amp;MS 9,11 &amp; LMC 9,11 or &amp; LMC 140 lb., FD, &amp;c.)

now seen, is eligible in our opinion to remain as classed, with fresh notation of + LMC - M.S. 7.47 when the survey is completed.

Survey Fee (per Section 29) M.S. 19 0 0 Fees applied for

Repairs 6 6 08 AUG 1947

Special Damage or Repair Fee (if any) (per Section 29.) SPECIAL SURVEY (ELEC) 3 0 0 Received by me,

Travelling expenses (if chargeable) RECONDITION (ELEC) 2 2 0

Committee's Minute

Assigned As now

FRI 26 SEP 1947

J.M.B. Edwards (for self and) L.T. Williams

Engineer Surveyor to Lloyd's Register of Shipping.

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008641-008647-6043



Port of

Continuation of Report No. 54312 dated 25-7-47.

on the

Mach Survey (continued):

Repairs (To Owners account.)

LP piston rings renewed  
MP slide valve & cage dressed up & spindle realigned & worn  
neck of land bushes & packing renewed.  
New ballast pump fitted. Mearns Corrother Jr NO 12001  
Vertical duplex pump 10" x 12" x 12"  
Pump hyd. tested & tried under steam & found satisfactory.  
New General Service pump fitted. Mearns Corrother Jr NO 11999.  
Vertical duplex pump 9" x 6 1/2" x 10". Pump tested & tried  
under steam and found satisfactory.  
Sundry other minor repairs effected.

Amz.

Fee:- Special Survey £3: 0: 0d.

Recondition: £2: 2: 0d.

*L. F. Cornell*  
SURVEYOR TO LLOYD'S REGISTER.

174-10

M-2  
Refined

Recondition (each) 1 0  
Shine survey (each) 2 0

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