

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

(Received at London Office

13 JAN 1934

Date of writing Report

When handed in at Local Office

11 JAN 1934

Port of

LIVERPOOL

No. in
Reg. Book.

Survey held at

Birkenhead

Date, First Survey

13th Nov.

Last Survey

3rd Jan 1934

(No. of Visits

10)

23684 on the Machinery of the Wood, Iron or Steel

So. S. "CITY OF HANKOW"

Gross 7360
Net 4735

Vessel built at West Hartlepool By whom W. Gray & Co. Ld. When 1915-6

Engines made at West Hartlepool By whom W. Gray & Co. Ld. When 1915

Boilers, when made (Main) & Aux 1915 (Donkey)

Main Boilers 388

Owners Hartpury & Workmen (1920) Ltd. Owners' Address

(If not already recorded in Appendix to Register Book.)

Donkey Boilers

Managers Wall Line Ltd.

Port Liverpool Voyage

Pressure in Boilers 225 lb.

If Surveyed Afloat or in Dry Dock

Canal Laid

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

Donkey Boilers

Report No. 3609 Port

Particulars of Examination and Repairs (if any) Rpt. & Comp. BS.

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 the cause of which must be stated should be separated from Repairs due to other causes; and being detailed in the body of the report, should be briefly summarised at the end of the report. State also the initials of any letters respecting this case.

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

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

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

" " " " " "

As 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?

Next date of internal examination of each boiler

Surveyor examine the Safety Valves of the Main Boiler?

Surveyor examine the Safety Valves of Donkey Boiler?

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

Surveyor examine the drain plugs of the Main Boilers?

Surveyor examine all the mountings of the Main Boilers?

Is shaft now been drawn and examined?

Is it fitted with continuous liner?

Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Is 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 the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft

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

Completion of BS 11,33 See also Dunkirk Rpt.

How done: Port & Starboard Main boilers and Aux⁴ boilers examined internally

& externally with their safety valves, doors and mountings and now in good order.

All top row of tubes in Aux⁴ boilers found wasted now renewed and other minor repairs effected.

All Boilers and steam pipes examined under steam and safety valves adjusted as above.

Repairs to Shafting: See also Calcutta Rpt. 8963 & Port Dover Maritime Rpt. 829.

How done: Thrust shaft, thrust shaft taper coupling and adjoining intermediate shaft replaced by new in accordance with plan herewith.

Forging marks: Thrust shaft 900 MAB. Inter shaft 908 MAB & taper coupling 915 MAB.

Grandshaft main bearings and exhaust turbine main wheel shaft bearings P.T.O.

General Observations, Opinion, and Recommendation:—The machinery of this vessel 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, &c.: thus, for example, B.S. 9,11, B.&M.S. 9,11, or L.M.C. 9,11, 140 lb., F.D., &c.)

seen is eligible in our opinion to remain as claimed with fresh

word of BS 11,33 as previously recommended subject to the P. cylinder

being examined before the end of May 1935 (See Limit List) without

special restriction with regard to thrust shaft and turbine drive cone coupling.

Survey Fee (per Section 29)

£ 4 : - -

Fees applied for

12 JAN 1934

Special Damage or Repair Fee (if any)

£ 4 : 4 : -

Travelling expenses (if chargeable)

£ : : -

Committee's Minute

LIVERPOOL

12 JAN 1934

Assigned

B.S. 11:33

Subject

Amend

S.R. List

H.R. Howells & J. Milton

Engineer Surveyor to Lloyd's Register of Shipping.

FRI. 9 FEB 1934

FRI. 25 MAY 1934

FRI. 24 AUG 1934

TUE. 4 DEC 1934

TUE. 18 DEC 1934

TUE. 2 APR 1935

Lloyd's Register

Foundation

W238-0027

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

reinstalled, shafting tried up, alignment tested & found
satisfactory. New coupling bolts fitted as found necessary.
On completion of repairs machinery tried under working
conditions and found satisfactory.

H. R. Howells.

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.



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