

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

No. 51055

(Received at London Office)

JAN 24 1941

22 JAN 1941

Port of

HULL

Date of writing Report

When handed in at Local Office

Date First Survey Jan 8th Last Survey 15th 1941

(No. of Visits 5)

Survey held at Hull

on the Machinery of the Wood, Iron or Steel "HOLYSTONE"

Year. Month.

Gross 5462
Net 3336

Vessel built at Sunderland

By whom Short Bros. Ltd.

When 1927-12

Engines made at Do

By whom Dickinson Bros. Ltd.

When 1927

Boilers, when made (Main) 1927.

(Donkey) 1927

Owners Northumbrian Shipping Co. Ltd.

Owners' Address (if not already recorded in Appendix to Register Book.)

Managers Common Bros. Ltd.

Port Newcastle

Voyage

Surveyed Afloat in Dry Dock King George Dock

(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

5.39.

S.S. Shl. N° 2-36

* LMC 4.36.

B.S. 2.40.

TS (a) 4.40.

Report No.

Port

Particulars of Examination and Repairs (if any) General Exam., B.S.

Official Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature 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 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.

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.

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

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

Donkey

was 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?

Latest date of internal examination of each boiler Star 8.1.41. Port 10.1.41.

he Surveyor examine the Safety Valves of the Main Boiler?

To what pressure were they afterwards adjusted under steam? 220 lb.

he Surveyor examine the Safety Valves of Donkey Boiler?

To what pressure were they afterwards adjusted under steam? not adjusted.

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

, and of the Donkey Boilers?

he Surveyor examine the drain plugs of the Main Boilers?

, and of the Donkey Boilers?

he Surveyor examine all the mountings of the Main Boilers?

, and of the Donkey Boilers?

he screw 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?

shaft now been changed? If so, state reasons.

he 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?

date of examination of Screw Shaft State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft

Is electric light fitted

Engine parts, when referred to by numbers, should be counted from forward.

Did the Surveyor examine the generators, motors, switchgear, cables and fuses?

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

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

to examine in water spaces, donkey boiler to examine under steam and its safety valves adjust also donkey boiler feed check valve to renew. It was stated this would be done vessels return to U.K.

Done:- Generally examined main engines & shafting and auxiliary engines without opening up. examined valves of main engines through sight doors. A number of pipes under engine platform tested. Examined electric engine, dynamo, switchboards & circuits and megger tested same. Machinery under working conditions and found satisfactory. Examined two main and one donkey boilers and fittings with all mountings, doors & fastenings. The port boiler port low furnace found to have slight rust which was cut out & electric welded. The port boiler furnace, in my opinion, should be specially examined in approximately six months' time. [Limit later attached herewith]

General Observations, Opinion, and Recommendation:- Eligible to remain as classed with record

(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, E.M.S. 9.11, * L.M.C. 9.11, or * L.M.C. 140 lb., F.D., &c.)

L.R. Examined 1.41. and B.S. 1.41. on completion subject to port main boiler furnaces being specially examined before end of July 1941.

Fee (per Section 29) B.S. £ 4 : 0 : 0

al Damage or Repair Fee (if any) (per Section 29.) £

elling expenses (if chargeable)

Committee's Minute

signed

Fees applied for

Received by me,

FRI. 28 FEB 1941

TUE 11 FEB 1941

Deferred

W.S. Shields

Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register
FOUNDED 1820

The donkey boiler could not be passed internally on the water spaces as insufficiently cleaned of scale and rust.

Examined main boilers under steam and adjusted their safety valves as above.

From the Chief engineers log book obtains dates of parts examined as follows:-

- 10/40 aft HP cylinder, piston opened up, cleaned & examined - new junk ring bolts rings fitted.
- " " " bottom end examined bearings rebuffed.
- " Both doors of main Condenser off & cleaned.
- 7/40 all main engine bottom ends adjusted.
- " aft HP cylinder & piston opened out, examined rings replaced.
- 6/40 all main engine main bearings adjusted.
- " Thrust bearing bottom half remetalled.
- 4/40 All main engines valves (poppet) overhauled.
- 2/40 HP cylinder & piston examined.
- 1/40 Forward LP bottom end remetalled.
- 9/39 main Condenser cleaned.
- 7/39 aft LP valves examined.
- 12/38 aft HP bottom end remetalled.
- " aft LP valves examined.
- 6/38 main Condenser cleaned.
- 11/37 Forward LP bottom end remetalled.
- 1/37 Forward HP bottom end remetalled.

W.S.S.