

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

(Received at London Office

29 MAY 1941

Date of writing Report

When handed in at Local Office

Port of

Survey held at *Liverpool*

Date. First Survey

29/4/41

Last Survey

8/5/1941

(No. of Visits

3)

839 on the Machinery of the *Wood, Iron or Steel* *Sc. "Elmtree Frange"*Gross *6598*
Net *4204*Vessel built at *Middlesbrough*By whom *Sir R. Dixon & Co. Ltd.*When *1916-3*Engines made at *do*By whom *Richardsons Waparth & Co. Ltd.*When *do*Main Boilers *4*Boilers, when made (Main) *1916-*(Donkey) *✓*Donkey Boilers *✓*Owners *Houlder Bros. & Co. Ltd.*Owners' Address *✓*

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

Port *Liverpool*Voyage *✓*Main Boilers *180 lb*Managers *Houlder Bros. & Co. Ltd.*Surveyed Afloat *on Dry Dock Canada 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.	Year assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
<i>+ 100A1</i>		<i>+ LMC-MS-12-36</i>
<i>Shelter deck, with</i>		<i>+ NB(PF) 8.28</i>
<i>bulkhead. 1.40</i>		<i>B.S. 6.40</i>
<i>S.S. J/N°3 - 4.28</i>		<i>T.S. CL - 5.39</i>
<i>S.S. N°1 N°2 - 36</i>		<i>+ Flybr RMC</i>
		<i>1.41</i>
<i>Fitted for oil fuel 8.28 F.P. above 150°F.</i>		

Report No.

Port

Particulars of Examination and Repairs (if any) *See end of Report*

Medical Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly 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 date and initials of any letters respecting this case.

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

A damage report made by anyone else? If so, by whom? *✓*

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

Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? *✓*

When was not done, state for what reasons *Not ready for survey.*

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 *✓*

Present condition of funnel(s) *✓*

Surveyor examine the Safety Valves of the Main Boiler? *✓*

To what pressure were they afterwards adjusted under steam? *✓*

Surveyor examine the Safety Valves of Donkey Boiler? *✓*

To what pressure were they afterwards adjusted under steam? *✓*

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

and of the Donkey Boilers? *✓*

Surveyor examine the drain plugs of the Main Boilers? *✓*

and of the Donkey Boilers? *✓*

Surveyor examine all the mountings of the Main Boilers? *✓*

and of the Donkey Boilers? *✓*

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 *✓*

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 *Afloat*

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

Is electric light and/or power fitted *✓*

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

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

None done:- H.P. cylinder opened out for adjustment of rings; examined and found in order. Thwartship dynamo engine opened out & piston rod & valve spindle skimmed up & engine refitted. Various voyage repairs & adjustments being commenced and main condensers opened out for renewal of approx 200 tubes.

The vessel has now been severely damaged by enemy action and is stated to be a constructive total loss.

General Observations, Opinion, and Recommendation:—

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, *L.M.C. 9,11, or *L.M.C. 140 lb., F.D., &c.)

This report is submitted for the information of the Committee.

Fee (per Section 29) £ : : *23 MAY 1941*

Damage or Repair Fee (if any) (per Section 29.) £ 3 : 3 : 0

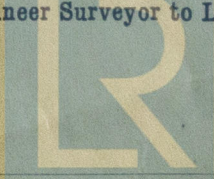
Expenses (if chargeable) £ : : *Received by me, 19*

ENCE CASE

Committee's Minute

igned *For the Information of the Committee*

W.B. Edwards
Engineer Surveyor to Lloyd's Register of Shipping.



Lloyd's Register
Foundation

W30-0102

Noted
DA
10/6/41

10/6/41

10/6/41

10/6/41

10/6/41

10/6/41

10/6/41

10/6/41

10/6/41

