

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

(Received at London Office

4 OCT 1946

Date of writing Report 30.8.46 When handed in at Local Office 2.10.46 Port of ANTWERP

No. in Survey held at ANTWERP Date First Survey 14.1.46 Last Survey 28.8.46 (No. of Visits 72)

8962 on the Machinery of the Wood, Iron or Steel 5/T " JAN DE WAELE Year Month

Gross 337 Vessel built at Delby By whom Cochrane & Jones Ltd. When 1925-2
 Net 113 Engines made at Deuce By whom C. E. Holmes & Co. Ltd. When 1925
 Nominal Boilers, when made (Main) 1925 (Donkey)
 of Main Boilers Owners D. C. Chremment & Stendain Owners' Address
 of Donkey Boilers Managers Port Ostend Voyage
 Main Boilers If Surveyed Afloat or in Dry Dock City drydock & Berth 28.
 Donkey Boilers (State name of Dock.)

Report No. Port

Particulars of Examination and Repairs (if any) L.M.C. T.S. & Rep.
 Medical Surveys, when held, must be reported in detail and serialim in the terms of the Rules. State clearly the cause of Repairs, if any.
 In detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be
 ted) 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.

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?

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

Donkey " " "

ot, state for what reasons. What parts of the Boilers could not be thus thoroughly examined?

at special means, in the absence of internal examination, were adopted by the
 rveyor to assure himself of the thorough efficiency of those parts of each Boiler?

the latest date of internal examination of each boiler 18.7.46 Present condition of funnel Good

the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 200 lbs/s.

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

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

the Surveyor examine the drain plugs of the Main Boilers? Yes and of the Donkey Boilers?

the Surveyor examine all the mountings of the Main Boilers? Yes and of the Donkey Boilers?

the screw shaft now been drawn and examined? Yes Has it a continuous liner? Yes Is an approved oil retaining appliance fitted at the after end?

shaft now been changed? No If so, state reasons. Has the shaft now fitted been previously used? Has it a continuous liner?

an approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft 18.8.46 State the wear down in the

orn bush 1/16" Is electric light and/or power fitted? light If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

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

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

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

WORK DONE:- Vessel placed in drydock; propeller, propeller shaft,
 inn bush and all sea cocks and valves with their fastenings examined.
 main engine cylinders, pistons, valves and castings, piston and valve
 rods, connecting rods and brasses, crosshead pin, crankpin,
 crankshaft journals, thrust shaft and bearing examined.
 all attached and independent pumps with pumping arrangements
 examined.

Main condensers examined and tested.

Steam pipes examined and tested as per Rule requirements.

Electrical equipment examined, tried under working

conditions and insulation resistances measured.

Boilers examined throughout together with all mountings, man-

les, etc. Mountings overhauled. Safety valves afterwards

General Observations, Opinion, and Recommendation: The machinery of this vessel is in good

(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, BS 9,11, B&MS 9,11 LMC 9,11 or LMC 140 lb., FD, &c.)
 CS 3,34,

condition and is eligible, in my opinion, to have its character

instated in the Register Book and to have fresh record of LMC 8,46

and fresh notation of T.S. cl. 5,46

Survey Fee (per Section 29) L.M.C. T.S. & Rep. 7595.- Fees applied for 2.10.1946

Special Damage or Repair Fee (if any) £ : : Received by me, 19

Surveying expenses (if chargeable) £ 800.-

Committee's Minute

Signed + LMC 8,46

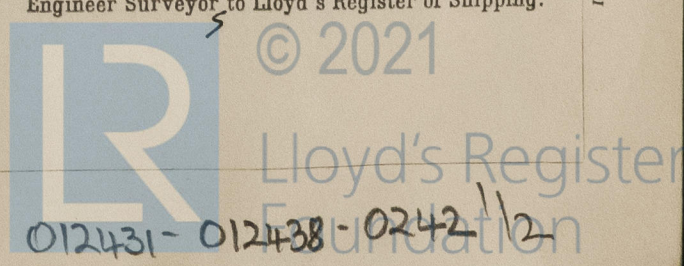
S (CL) 5,46

CERTIFICATE WRITTEN

012431-012438-0242112

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

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



S/T "JAN DE WAELE"

adjusted under steam to 200 lbs/sq" pressure.

REPAIRS:- Crankshaft lifted, bearings dressed up and crankshaft bedded.

Thrust shaft collar machined and bearings dressed up. Line of shafting examined for alignment found true.

Piston rods and valve rods machined in way of packing and new metallic packing fitted.

Crosshead pins and brasses machined.

Valve gears completely overhauled.

Attached pumps:

Pump links overhauled.

Pump plungers dressed up and neck and gland bushes renewed.

Air pump rod machined and neck and gland bushes renewed.

Independent pumps:

General service pump: buckets renewed. bucket rods machined and neck and gland bushes renewed. Valves overhauled.

Circulating water pump: pump casing (C.I.) renewed.

Impeller shaft renewed. Steam cylinder and valve casing bored out, piston and piston valve renewed.

Dynamo engine: completely overhauled. Piston valve casing bored out and valve renewed.

Pumping arrangements: many lengths of bilge suction pipes renewed and strum boxes repaired.

Condenser: tubes cleaned and a number of defective tubes and ferrules renewed.

Main and aux. machinery tried under working conditions.

Electrical equipment: all cables and fittings, main switch board and fuse distribution boards renewed (See Rpt. 13 attached).

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