

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

(Received at London Office)

30 SEP '35

Date of writing Report Sept 9 1935 When handed in at Local Office Sept 9 1935 Port of Vancouver B.C.

No. in Reg. Book 33577 Survey held at N. Vancouver B.C. Date, First Survey Aug 5 Last Survey Sept 6 1935
(No. of Visits 16)

on the Machinery of the Wood Iron Steel M.V. CEDROS ex SHEAN

Tonnage { Gross 420 Vessel built at Burkinhead By whom Camuel Loria & Co When 1920. 7.
Net 181 Engines made at Glasgow By whom H. Beadmore & Co When 1921 10
Nominal Horse Power 91 Boilers, when made (Main) ✓ (Donkey) 1920.
No. of Main Boilers ✓ Owners O. L. Rodriguez. Owners' Address (if not already recorded in Appendix to Register Book.)
No. of Donkey Boilers 1 Managers Port Ensenada Voyage Mexico
Steam Pressure in Main Boilers ✓ If Surveyed Afloat or in Dry Dock A. A. N. Van Ship Repair Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
in Donkey Boilers 100 (State name of Dock.)

Last Report No. PortParticulars of Examination and Repairs (if any) L.M.C.

(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? ✓

Do.

Donkey

"

"

"

Yes

If this was not done, state for what reasons? ✓

And what parts of the Boilers could not be thus thoroughly examined? ✓

Also 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? Tested under hydraulic pressure to 135 lb.

State latest date of internal examination of each boiler Aug. 7 1935

Present condition of funnel(s) Good

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

To what pressure were they afterwards adjusted under steam? ✓

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted under steam? 100 lb

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

, and of the Donkey Boilers? Yes

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

, and of the Donkey Boiler? Yes

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

, and of the Donkey Boiler? Yes

Has screw shaft now been drawn and examined? Yes

Is it fitted with continuous liner? Yes

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

Has shaft now been changed? No If so, state reasons ✓

Has the 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 date of examination of Screw Shaft Aug 6 1935

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft 1/16

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

Vessel placed on dry dock. All sea connections and discharges opened up and examined. The fastenings of Sea Connections, Stern bush and propeller examined. Screw shaft drawn and examined.

D.B.S. - Donkey boiler opened up, cleaned & examined throughout with all mountings. Tested by water pressure to 135 lb. per sq. inch & found satisfactory. Safety valves adjusted under steam to 100 lb. per sq. inch.

L.M.C. - Main Engines - Examined all cylinders, pistons, covers, gudgeon pins, crank pins & brasses, main bearings & brasses, valve gear & fuel pumps, attached circulating & bilge pumps, valves & connections, & exhaust manifold. Examined Thrust shaft, collar & bearings, Intermediate

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

(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, D.S. 0, 11, B.S. 0, 11, or L.M.C. 0, 11, 140 lb., E.D., &c.)

Eligible in my opinion to remain as classed with fresh record of + L.M.C. 8. 35. and notation C.L. 8. 35. D.B.S. 8. 35

Survey Fee (per Section 20) L.M.C. £ : 65.00 Fees applied for Sept 9 1935
TS-B.S. plus notation £ : 45.00
Special Damage Repair Fee (if any) £ : 30.00
(per Section 20.)
Travelling expenses (if chargeable) £ : 10.00 Received by me, 19

Committee's Minute

Assigned

FRI. 18 OCT 1935

CERTIFICATE WRITTEN

Robert J. Boomer (acting)
Engineer Surveyor to Lloyd's Register of Shipping.



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Foundation

UNDERTAKING CASE!

M.V. "CEDROS" & "SHEAN"

L.M.C. - shaft & bearings, oiling and water cooling arrangements & connections.

Starting Air Reservoirs - (3) opened up & examined internally with mountings & connections.

3 air reservoirs tested by water pressure to 550 lbs. per sq. inch & found satisfactory.

Safety valves adjusted to 50 lbs.

Separate Air Compressor (2 stage) Engine and compressor opened up & examined Thoroughly, also tested.

General Service pump (steam) - opened up & examined Thoroughly with valves & connections & tested.

Donkey Boiler feed pump (steam) 3x2x3 "Worthington" duplex. renewed. Steam cylinders of old pump fractured by frost.

Oil fuel burning equipment, for Donkey boiler, examined Thoroughly and tested.

Daily Service fuel tanks, examined Thoroughly with connections & tested.

Electric Generators, direct driven and also belt driven from main engine, examined Thoroughly & tested under working conditions with satisfactory results. Examined all wiring & connections, fuses & switch board.

Renovations - main Engine

New cylinders now fitted to Nos 1-2 & 4.

New heads now fitted to Nos 1-2-3 & 4.

New pistons do do to Nos 1-2 & 4 also gudgeon pins.

New piston rings fitted Thoroughly.

NOTE - cylinders Nos 1-2 & 4 worn oversize.

No 4 - crank pin brass re-metalled.

Spare Gear examined & found in order.

A satisfactory dock and harbour trial under working and maneuvering conditions now carried out.

103 Hall

3 registers, 2 notes, 2 ap. covers
Renewed

It is submitted that
this vessel is eligible for
THE RECORD. Aug 9. 21

2019.9.21

2019.9.21

