

RETAINED

No. 4581

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

(Received at London Office)

Date of writing Report April 23rd 1923 When handed in at Local Office April 23rd 1923 Port of Philadelphia

Survey held at Philadelphia Date, First Survey Nov. 3rd 22 Last Survey Apr. 23rd 1923
(No. of Visits 26)

on the Machinery of the Wood, Iron or Steel S.S. "ALAMEDA" Master ✓

Gross 7222 Net 5362 Vessel built at Philadelphia By whom The Wm. Gramp & Co. S & E When 1919

Engines made at Do. By whom Do. When 1919

Boilers, when made (Main) 1919 (Donkey) ✓

Owners The Wm. Gramp & Co. S & E. B. Co. Port Philadelphia Voyage

Surveyed Afloat or in Dry Dock Carroll & Craig. Mrs. Gramp's Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

First Report No. Port FIRST ENTRY LMC

Medical Surveys, when held, must be reported in detail and verbatim 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 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? 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? Yes.

Do " Donkey " " " " " ✓

What 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? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes. To what pressure were they afterwards adjusted under steam? 190 lbs.

Did the Surveyor examine the Safety Valves of Donkey Boiler? ✓ To what pressure were they afterwards adjusted under steam? ✓

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

Did the Surveyor examine the drain plugs of the Main Boilers? Yes. and of the Donkey Boiler? ✓

Did the Surveyor examine all the mountings of the Main Boilers? Yes. and of the Donkey Boiler? ✓

Has screw shaft now been drawn and examined? Yes. Is it fitted with continuous liner? Yes. or two liners? ✓ or is it without liners? ✓

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

Has shaft now fitted new? ✓ Has it a continuous liner? ✓ or two liners? ✓ or is it without liners? ✓

What is the distance between lignum vitae of stern bush and top of after bearing of screw shaft? 3/16"

If survey is not complete state what arrangements have been made for its completion and what remains to be done? Complete.

See First Entry Rpt. 4. Vessel placed in dry dock, tail shaft drawn in, examined and found in good condition and in accordance with the approved plan, stern bush fastenings and propeller examined and found in good condition. All sea cocks and valves and their fastenings examined and found in good condition and satisfactory. Examined all cylinders, pistons, piston rods and connecting rods, valves and valve chambers and spindles, crank and thrust shafts, bedplate, holding-down bolts, condenser and pumps and their connections, bilge and ballast piping and connections and the auxiliary machinery. The three boilers were removed from the vessel to the shop, and were examined throughout.

Repairs. Boilers. All mountings removed from the boilers, boilers thoroughly cleaned and sealed inside and outside. The steam space

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

For recommendations etc see Rpt. form 4.

Survey Fee (per Section 28)	£	19
Special Damage or Repair Fee (if any) (per Section 28.)	£	
Printing Expenses (if chargeable)	£	19

Fees applied for

Received by me,

W. Buchanan
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York MAY 22 1923

Signed See attached Rpt form 4.

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

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

W346-0065



stays in two boilers renewed. 6 plain tubes renewed.
All mountings removed from boilers, new safety valve seats,
valves and springs fitted; new seats and valves fitted to
stop valves, new water columns, new main and auxiliary
steam pipes fitted. Blow-down and other valves overhauled
and repaired. All the smoke boxes, furnace fronts, smoke
stack, and oil fuel burning system renewed.

Machinery. All cylinders and pistons, valves & chambers
opened up. Piston rods and valve spindles turned and
packing refitted or renewed. New bedplate fitted under
thrust block, crank shaft lifted and rebedded,
thrust shoes refitted, two new L.P. piston rings fitted.

Condenser cleaned and tested. All bilge & ballast
piping and oil fuel piping, valves and valve seats
in engine and boiler rooms renewed.

all auxiliary machinery overhauled and part
renewed and placed in good working condition.

all safety valves adjusted under steam to 190 lbs. per sq. inch.

JMS.

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.

For endorsement see 1st Entry
Apt. No 4581.

JMS.
11/6/03

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



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"ALAMEDA" of
rebuilding at
and that I
Register of
recommendation
been carried
Recommend
Oil Fuel 4, 2
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