

RETAINED

No. 4581

9.

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 1922 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.C. When 1919.

Engines made at Do. By whom Do. When 1919.

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

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

Surveyed Afloat or in Dry Dock (State name of Dock.) Basin & Sun S. B. Co. Dry dock.

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER.	Years Assigned	Machinery and Boiler
For Special Survey.		
Date of last Survey and of Periodical Surveys.		
100%		
Class contemplated		

st Report No. Port

Particulars of Examination and Repairs (if any) FIRST ENTRY L M C

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

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.

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?

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? Yes. 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? Yes.

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

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

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, B.&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

Additional Damage or Repair Fee (if any) (per Section 28.) £

Selling Expenses (if chargeable) £

Fees applied for

Received by me,

19

Committee's Minute New York MAY 22 1923

Signed See attached Rpt form 4.

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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.

JMB.

OF THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.



Surveyed the

"ALAMEDA" of

rebuilding at

and that I

Register of

recommendations

been carried

Recommendations

Oil Fuel 4, 2

be made in

This Certificate is issued

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For endorsement see 1st Entry
Rpt. No 4581.

JMB.
11/6/03