

C O P Y

AMERICAN BUREAU OF SHIPPING
47 BEAVER STREET,
New York, 4, N.Y.

(This Form is to be used in Confirmation of Class only)

Report No. 5675

San Francisco, California November 24, 1943

S. S. RAPHAEL SEMMES

THIS IS TO CERTIFY that the undersigned surveyors to this Bureau did, at the request of the owner's representative, attend the screw steel steamer "RAPHAEL SEMMES" of Mobile, Alabama, Official No. 242074 on the 8th day of November 1943 and subsequent dates while the vessel lay afloat at the United Fruit Company Dock, San Francisco, California, and on dry dock at Moore Dry Dock Company, Oakland, California, in order to examine the vessel on drydock, to carry out the Annual Survey and Annual Boiler Survey and to examine main turbine lube oil system. For particulars see report as follows:

1. The vessel was placed on dry dock and the stem, stern frame, rudder and underwater body was cleaned, examined and found in satisfactory condition.
2. The tailshaft was not drawn at this time, wear down was found to be $3/32$ of an inch.
3. The sea valves were opened, chests and strainers cleaned and recoated, seats ground in, packing renewed and all reassembled in good order.
4. The stern gland packing was renewed.
5. The rudder, pintles, gudgeons and propeller were examined and found satisfactory.
6. The underwater body was cleaned and recoated.
7. All parts of the steering arrangements, including gear and transmission were examined and found in satisfactory condition.
8. The ventilator and hatch way coamings and covers and their supports and tarpauline were examined and found in good condition.
9. The machinery casings and guard rails were examined and found satisfactory.



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10. The closing appliances in superstructure bulkheads and for air and sounding pipes were examined and found in good order.
11. No alterations have been made to the vessel which would affect the load line assignment.
12. The Annual Load Line Inspection was carried out at this time. See San Francisco Report No. 5676 dated November 22, 1943.
13. The International Load Line Certificate No. I-3102 was endorsed as of November 22, 1943.
14. A General inspection was made of the steering engine and windlass, which were found in satisfactory condition.
15. The entire main turbine, lube oil system including gears, gear casing, oil sump and piping was found coated with rust particles. The lube oil system was opened up, thoroughly cleaned, reassembled, flushed out, lube oil renewed and main turbines proven in good working order under a dock trial.
16. The port and starboard boilers were tested hydrostatically to one and half times the allowable working pressure, together with their superheaters and main steam pipes, and found satisfactory.
17. The boilers were examined internally and externally, together with their mountings and fittings, and found in good order.
18. The safety valves were set under steam for the allowable working pressure.

The Annual Boiler Survey is now complete.

In the opinion of the undersigned the vessel is considered to be in a seaworthy condition and fit to retain her class in the Bureau.

AMERICAN BUREAU OF SHIPPING

(Signed) C. J. MATTSO Surveyor

(Signed) Ben First (?) Surveyor



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