

10th July, 1947

Principal Surveyor
NEW YORKS.S. "CHELATROS"

Dear Sir;

We are in receipt of your letter of 1st inst. containing remarks from London regarding Baltimore first entry reports No. 8437 on the above named vessel.

Hull Report-

In reply I have to advise that although the capacity plan shows the fresh water tank under the engines carrying only 132 tons of fresh water, the equivalent salt water capacity would be 136 tons. The length of this tank is 27.5 feet. The bottom of the dry tank under the boilers is coated with Metallic brown paint, U.S. Navy Formula No. 26. The omissions are regretted and I have to advise the same omissions were made on seven subsequent first entry reports of Liberty vessels from this port, i.e., ACTOR, STATHES J. YANNAGHAS, CHARLES M. RUSSELL, DAULTON MANN, BENITO JUAREZ, VASILIOS E. KULUKUNDIS, and CAPTAIN FARMAKIDES.

Boilers-

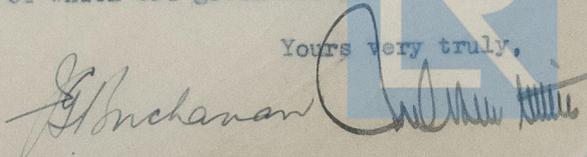
The W.T. boilers of U.S. Liberty Type vessels are designed for a W. P. of 250 lbs. per square inch and hydraulically tested by the American Bureau and U.S. Coast Guard to 375 lbs. per square inch in accordance with their Rules for 240 lbs. W. P.

The shaft sizes as per Rule given on Report 4 are calculated for a W. P. of 240 lbs. per square inch and it will be seen that the diameters of crank, thrust, and intermediate shafts are slightly below the Rule requirement for 240 lbs. W. P.

Enquiries have been made of the American Bureau of Shipping and the U.S. Coast Guard, and it is their practice to adjust safety valves of these vessels for a working pressure of 240 lbs. per square inch and 230 lbs. superheat.

The foregoing remarks on the boilers of this vessel will also apply in the case of the seven subsequent vessels dealt with at this port, the names of which are given above.

Yours very truly,



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