

Baltimore, Md.

13th February, 1923

This is to Certify that

Harry Arthur Stewart

the undersigned Surveyor to this Society did at the request of the Salvage Association, London, attend at the South Plant of the Bethlehem S.B. Corp., Baltimore, for the purpose of ascertaining the nature and extent of damage stated to have been sustained by the Steamer "J. L. LUCKENBACH" ex "SOUTH BRND", while undergoing alterations and repairs at the above plant. Stated that after the new Scotch Boilers had been installed, attempts were made to raise steam with oil fuel, which had been stored in vessel for some time. That the oil did not properly atomize and that it was carried along, unburned, into the tubes and uptakes of the three boilers. That at about 9-30 P. M. on the 29th January, 1923 this oil took fire in the smoke box of the centre boiler and in the uptakes of the starboard boiler.

On examination of the tubes, smoke boxes and uptakes, of boilers, subsequently to the 29th January, it was found that the combustion chambers, tubes, smoke boxes and uptakes were heavily coated with oil. That one of the smoke box doors on centre boiler was buckled. That in the starboard boiler two baffle plates and three uptake plates were badly distorted.

Recommended:-

That the smoke box door plate on centre
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Steamer "J. L. LUCKENBACH" ex "SOUTH BEND"

boiler be renewed. That three uptake plates and two baffle plates in starboard boiler uptake be renewed.

Further recommended, to prevent further damage by fire, that the tubes, smoke boxes and uptakes of the three boilers be scraped down and sponged with kerosine.

For effecting the above recommendations the estimated cost is \$ 1450.00

Fee \$ 30.00

H. A. Stewart
Surveyor to Lloyd's Register.



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