





Survey held for installation of new  
turbines & boilers installed

It is submitted that  
this vessel is eligible for  
THE RECORD.

+ N.E.B. 2.23.17 S. 2.23. C. 1

J.S.B. W.B. 225. 9.1.23. 9.1.23. H.S. 12. 10

17/2/23

Particulars of repairs  
when 1st boiler  
renewed

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THE MARGIN.

MON. 10 MAR. 1923

Baltimore Md. Continuation of Report No. 3395- dated 27<sup>th</sup> Feb 1923 on the

S. "J. L. Luckenbach" ex "South Bend"  
"Machinery"

The Thrust & tunnel shafting all opened up & examined.  
Engines & shafting all placed in good alignment.

The water tube boilers removed from vessel and  
Three Scotch Boilers installed. For particulars of new  
boilers please see New York Report No 22383 attached  
hereto. Foundations for boilers examined & found good.  
Boilers tested in place, with all mountings attached, to  
337 lbs & now tight. Oil fuel system tested to rule  
requirements. Main steam pipes of weldless steel. and  
feed pipes all tested to rule requirements.

Boilers & engines examined during installation, gear  
contacts examined & all tried under steam, safety  
valves adjusted & all now satisfactory.

All pumps removed from vessel and thoroughly overhauled  
& refitted.

The main & auxiliary circulating pumps, condensate  
pumps, forced draught fans and additional rotary  
feed pump now electrically driven for particulars  
please see report on electric installation attached  
hereto.

The Bilge and other pumping arrangements  
examined & now in order.

The electrically driven pumps were tested and all  
found good provided the pumps were started  
with no load, that is that suction valves be  
closed until motor was started.

Amuse (1) On 29<sup>th</sup> December 1922 while vessel was being moved  
South Plant of Bethlehem S. B. Co. the Starboard propeller fouled piling  
done: - Vessel placed in dry dock, propeller blades faired & one fracture  
tip electrically welded. Propeller nut hardened up. One stern gland  
renewed. Starboard shaft turned in place & found true.

Amuse (2). While raising steam in new boilers with oil which had  
been stored in vessel for some time, oil failed to atomize & took fire  
uptakes & smoke boxes.

done: - Smoke box door plate Centre boiler renewed.

Three uptake plates & two baffle plates, Starboard boiler renewed,  
Tubes, smoke boxes & uptakes cleaned of oil.

H. A. Stewart