

Jacksonville, Florida.

21st February, 1930.

-----HUGH BOYLE-----

Captain D. Sanders, Master, survey the Steel Screw Steamer "ELZA MENZEL", of Hamburg, 6596 tons gross register, for the purpose of ascertaining the nature and extent of machinery damage stated to have been caused by boilers salting on a voyage from Antwerp to Savannah.

For further particulars see Log Book and Protest.

On examination of the vessel, while lying afloat on the 6th January, 1930, and subsequent dates,

FOUND:

1. H. P. and L. P. turbine rotor buckets and stationery buckets badly damaged.
2. Steam strainers badly rusted and stopped up with deposit. The H. P. strainer had part carried away.
3. Condenser: 3 brass stay rods and division plates broken.
4. Four copper pipes on H.P. turbine broken.

RECOMMENDED:

- That all buckets (or blades) be renewed.
- Steam strainers to be renewed.
- Renew 3 brass stay rods, and draw 3 or 4 tubes, to allow securing of division plate.
- Renew 4 copper pipes on H.P. turbine.

New turbines were installed as Owners advise that this could be done at less cost than by repairing here.

The above recommendations were made with a view of placing the vessel in good condition.

Fee and Expenses \$310.00

Hugh Boyle



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