

Report of Survey for Repairs of Engines and Boilers.

No. 330

(Received at London Office, 29/7/80)

No. in Reg. Book. Survey held at *North Shields* Date, first Survey *3rd June* Last Survey *12th July* 1880

653 on the Machinery of the *Sun Low Steamer "Alster"* (Number of Visits *4*)

| | | |
|--------------------------------------|---|----------------------------------|
| Tonnage, Gross <i>709</i> | Built at <i>Newcastle</i> | When built <i>1867</i> |
| Ditto, Net <i>577</i> | Owners <i>Powley, Thomas & Co</i> | Port belonging to <i>Cardiff</i> |
| Diameter of Cylinders <i>Two 36"</i> | Engines made by <i>Thompson Boyd & Co</i> | When made <i>1867</i> |
| Length of Stroke <i>26"</i> | Boilers made by <i>An German</i> | When made <i>1874</i> |
| Pressure of Steam <i>20lb</i> | If Surveyed Afloat or in Dry Dock <i>On Slipway</i> | Classed <i>4.67</i> |
| Registered Horse Power <i>80</i> | | |
| Last Survey No. <i></i> | Port <i></i> | |

Particulars of Repairs and Examination. At the request of Messrs Scheringer Davis & Co Agents for the Owners. The Machinery of this vessel was examined for the purpose of being reclassified in the Society's Register Book.

Engines examined and found generally in good condition. Cylinders, valve faces & valves examined and found in good condition. Pumps examined and found satisfactory. Cranks and turner shafting examined and found satisfactory. Stern shaft examined no brass liner on shaft but shaft otherwise in good and satisfactory condition.

Recommended new cocks to be fitted on vessels bottom for main & donkey boiler blow off, cocks to be carried up turn of bilge. Recommended tank filling cocks for main & fore holds to be removed from holds, and one new filling valve to be fitted in engine space also fore hold to be pumped direct instead of through main hold as at present.

Recommended ballast suction pipe to be fitted to aft-peak tank. Boiler examined and found generally in fair condition and satisfactory for a working pressure of 20 lbs. Two direct weight safety valves on boiler 6 inches in diameter loaded to 20 lbs. New donkey boiler has been fitted made by Messrs Riley Brothers Stockton & proved by Society's Engineer Surveyor at that port. No of certificate 337, date 25th May 1880. The above repairs and recommendations have now been satisfactorily completed.

General Observations, Opinion, and Recommendation:— The Machinery of this vessel is now in good order and safe working condition and eligible in my opinion to have the notification BDM entered in the Society's Register Book.

Entry or Registering Fee ... £ 1 : - : -
Survey Fee ... £ 7 : 6 : - received by me, *W. S.*
Certificate (if required) ... £ - : 2 : 6 26th July 1880

(Travelling Expenses, if any, £ -)

Committee's Minute

Friday, July, 30th 1880.

Assigned

Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

North Shields



Lloyd's Register
Foundation

120N493-0523

(Insert Character precisely as in the Register Book.)

The Machinery of the vessel has been-
examined for reclassification of the
vessel and is reported to be in
good condition. Submitted that
she is eligible to remain
as classed and have the
notification B & M. P. 7.80
in the Register Book.

M

29.7.80



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