

Report of Survey for Repairs of Engines and Boilers.

21606

No. 370.

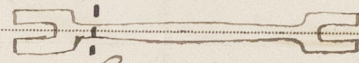
No. in Reg. Book. Survey held at Rotterdam Date, first Survey 17th Aug Last Survey 24th Aug 18 78

364 on the Screwsteamer "Albert" Master Henry

Tons 384 Owners G. Lawson Port belonging to Hull Classed — Years assigned — Character in Register Book A 15.78
20903 Iron Lloyd's MC. 5.78

Diameter of Cylinder 37 1/4" Engines made at Hull When made 1856
Length of Stroke 30" Pressure of Steam 25 lb By whom made Messrs G. W. Parle
Registered Horse Power 90 NB. 73

Particulars of Repairs and Examination: The iron screwsteamer "Albert" from Hull having been towed in at this port with broken down machinery I was called to inspect such and to report the subsequent repairs done.

I found that the Starboard Connecting Rod was broken off close to the lower forkend  working on the crankpin of the overhanging crank of the crankshaft. The piston rod packing gland was smashed and the cylinder top cover rent in two; also the studs and the screwbolts in the flanges of the packing box and cylinder, partially broken or damaged.

One of the screwbolts of the crankpin connecting rod braces was cracked.

Repairs: A new forkend was welded on to the rod. The broken rod measured $4 \frac{1}{8}"$ at the ends, $4 \frac{1}{2}"$ at the middle. The new rod measures $4 \frac{5}{8}"$ at the lower end and is tapered down to $4 \frac{1}{8}"$ at the top or crosshead end. New packing glands and cylinder covers cast and fitted. New studs and screwbolts put in.

On the 17th August the steamer left again for Hull, and when she came back last Friday night to Rotterdam I called again on board last Saturday 24th inst in order to re-examine the condition of the repairs, and to hear from the

p. t. o.

The Amount of Fee ... £ 22 : 0 received by me,
Certificate (if required) ... £ ... : ... Aug. 1878.

(Travelling Expenses, if any, £ —)

Committee's Minute

30th August, 1878.

G. J. Van Brummelen
Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.



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(The Surveyors are requested not to write on or below the space for Committee's Minute.)

Chief Engineer "Mr. Johnson" about the behav-
 iour of the Engine after the repairs done
 to same. The report being favorable, and
 as the brasses only had to be adjusted
 when in Hull, and not finding any further
 defects, I hereby certify that the
 Machinery of the Iron Screw Steamer
 "Albert" owned by J. Lawson Esq.
 of the port of Hull of 384 tons Regs
 and 90 Reg. Horsepower has been care-
 fully inspected and examined by
 me at Rutterdam and found to be
 at this date 24th August 1878 in good
 order and safe working condition.

I have recommended that a spare
Connecting Rod should be made and
 kept on board, and that the over-
hanging crank should be altered
 into a double crank with an
 extra bearing.

G. J. Van Brummelen
L. E. S.

A new certificate "Lloyd's" solicited

It is submitted that
 this vessel is eligible

for registration
 of the machinery
 of the vessel
 by Lloyd's Register
 of Shipping



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