

Report of Survey for Repairs of Engines and Boilers.

No. 41816

(Received at London Office,)

No. in Reg. Book. Survey held at London

Date, first Survey Sept. 25th Last Survey Sept. 28th 1882

on the Machinery of the S. S. "James Southern"

(Number of Visits 4)

Tonnage, Gross 801

Built at N. Shields

When built 1865

Ditto, Net 573

Owners Harris & Dixon

Port belonging to London

Diameter of Cylinder 38"

Engines made by R & W. Hawthorn

When made 1865

Length of Stroke 30"

Boilers made by

When made

Pressure of Steam

If Surveyed Afloat or in Dry Dock London Dock
(State name of Dock.)

Classed 90A-

Registered Horse Power 90

Last Survey No.

Port

S. M. C. 5.78

Particulars of Repairs and Examination According to the requirements for

(State cause of Repairs.)

Special Survey No 1.

Vessel placed in dry dock sea connections examined & found to be in good condition. Propeller & its connection sound & the tail shaft down $\frac{3}{16}$ " in Stern Bush -

Boiler examined internally & externally & found to be in good condition. Air circulating Feed & Bilge pumps " " " Crank shaft & Thrust bearing

" " " Forward cylinder & Piston

" " " The Forward Slide Valve

was found to be cracked in centre of division for spindle & the face was thin, but not sufficiently to affect its safety.

The false face on Forward cylinder $\frac{1}{16}$ " thick & sounded to be slack in various parts. Recommended this face to be removed or renewed & a letter the copy of which is attached was sent to the owners. This face has not been removed & the vessel has left this Port

General Observations, Opinion, and Recommendation:— The Boiler being now in good & safe working condition enables the vessel to be marked with B. S. G. 82 in the Register Book, with the exception of the Slide Valve face for which Mr. Parker has made an endorsement on this report.

G.N. 1. 2. 83.

Entry or Registering Fee... £ 22

Survey Fee (per Section 28) ... £ 23

Certificate (if required) ... £

(Travelling Expenses, if any, £)

received by me, 778

1883

Geo. C. Merriam

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

Committee's Minute

Tuesday, 10th October, 1882.

Assigned

Robert M. ...



© 2021

Lloyd's Register Foundation

(State of Report is also sent on the Hull of the Ship)

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

(Insert Character precisely as in the Register Book.)

Lon 669-0114

Mr. Williamson is requested to state whether
in his opinion the condition of this
valve gear interferes with the
safe working of the engine
or not.

M 2.10.82

In my opinion the condition of
this ^{valve gear} would interfere with the
continued safe working
of the engine.

G.W.

2.10.82

From this report and the
attached letter it appears
to be a question of opinion
between the Society,
Surveyor and the
Owner's Engineer
as to whether this
valve gear is
safe or not.
It is submitted
that the vessel's
character be
continued.

Subject to this valve gear being
examined at least every three months
and the owner be informed
accordingly M 2.10.82

The valve gear on this vessel -
has been overhauled three months
ago and is quite safe - but as it
is recommended a new one
be carried on board
submitted at the first
opportunity it is fitted that the
vessel should have his class without
a certificate

M 19.1.83

It would appear that the new valve gear
has not yet been fitted. I would
perfectly submit that the
vessel should be
fitted M 2/2/83



© 2021

Lloyd's Register
Foundation

REPRODUCTION OF THIS DOCUMENT IS PROHIBITED WITHOUT THE WRITTEN PERMISSION OF LLOYD'S REGISTER FOUNDATION