

Report of Survey for Repairs, &c., of Engines & Boilers.

(Received at London Office,

TUESDAY 22 JULY 1884

No.

No. in
Reg. Book.

Survey held at

London.

Date, first Survey

July 11

Last Survey

July 17th

1884

on the Machinery of the

S.S. "Gulf of Suez"

(Number of Visits

3

Month

Tonnage, Gross

1592

Built at

W. Hartlepool

When built

1880.

Ditto, Net

1014

Owners

Greenock S.S. Co.

Port belonging to

Greenock

Diameter of Cylinder

32¹/₂ x 60

Engines made by

Blair & Co.

When made

1880.

Length of Stroke

39

Boilers made by

Do.

When made

1880.

Pressure of Steam

80 lbs.

If Surveyed Afloat or in Dry Dock

Millwall. Afloat.

Classed

100 A1.

Registered Horse Power

170.

Last Survey No.

Port

+

L.M.C. 6.80.

Particulars of Repairs and Examination

J. J. N. 1

(State clearly the cause of Repairs if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage should be separated from Repairs due to other causes. State also the dates and initials of any letters respecting this case.)

Examined boilers externally and internally. Found the two port furnaces slightly pitted in three places, found the plate to be $\frac{1}{2}$ " in thickness in these places. Tubes and tubeplates good, also plates in combustion chambers and stays of same to be in good condition. Some stays in top of boiler were in places corroded down to $2\frac{3}{8}$ " in dia., original dia. $2\frac{1}{2}$ ". Found the shell of boilers to be good, one of the circular manholes at the bottom had leaked, recommended this to be caulked which has been done. Examined cylinders, the low pressure cylinder was found to be cracked vertically from top steam port to bottom ditto, this has been repaired with $\frac{3}{8}$ " brass pins tapped into the crack & $\frac{3}{4}$ " holes & brass plugs at each end of crack, the low pressure piston was found to be badly cracked, a new piston has been fitted. High pressure piston & slides found in good condition. Crank shaft found to have a longitudinal mark in No 3 bearing, the rest appear sound. Air, circulating, Feed & Bilge pumps found to be in good condition. Safety valves in good condition & set under steam to the working pressure of 80 lbs. per sq. in.

General Observations, Opinion, and Recommendation:—

(State clearly what alteration, if any, is suggested to be made in the existing notification of the vessel's machinery in the Register Book, consequent upon this survey.)

— in good & safe working condition renders the vessel eligible in my opinion to be marked in the Register Book with T.M.C. 7.84 provided that the S.P. cylinder be again examined on the vessel's return from her present voyage say in 6 mths. time.

Survey Fee (per Section 28)

£ 3: 3:

Special Damage Fee (per Section 28)

£

*Certificate (if required)

£

Travelling Expenses (if chargeable)

£

received by me,

31 July 1884

H. Some & Geo. E. Milnerison
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute

Assigned

FRIDAY 25 JULY 1884

L. M. C. 7.84

Lloyd's Register
Foundation

LN673-0073

* Certificate to be sent to

[Form No. 9 - Transfer Ink - 1000, 11/9/84 -]

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

Insert Character of Ship and Machinery precisely as in the Register Book.

It is submitted that this vessel is
eligible to have the notification
L m & 7.84 recorded subject to the
resurvey of low pressure cylinder
in 6 months and the boilers as
per Rule.

D.P.
21/7/84



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