

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

(Received at London Office,

FRIDAY 19 MARCH 1886

No.

No. in  
Reg. Book.

Survey held at *London*

Date, first Survey *Feb 9*

Last Survey *Mar 16* 1886

*643* on the Machinery of the

*S. S. "Bracadale"*

(Number of Visits *9*)  
Year Month

Tonnage, Gross *2198*

Built at *Newcastle*

When built *1881-6*

Ditto, Net *1416*

Owners *J. Sempurley & Co.*

Port belonging to *Newcastle*  
Year

Diameter of Cylinder *36" & 68"*

Engines made by *Palmers & Co.*

When made *1881*  
Year

Length of Stroke *45"*

Boilers made by *Dr.*

When made *1881*  
Year

Pressure of Steam *90 lbs. (d)*

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

Classed *100 A 1*  
Character in Register Book.

Registered Horse Power *270*

Last Survey No.

Port

*T.M.C. 3.81.*

## Particulars of Repairs and Examination *For Special Survey Not.*

(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 cylinders, pistons, slides, air circulating pumps all found to be in good condition. New feed & bilge pump valves & seats have been fitted & bilge suction & discharge pipes repaired or renewed as required. Examined crank thrust & tunnel shafts, all found to be in good condition. Main boilers examined, two blisters found in furnaces of Port boiler, these have been pared & do not appear to be deep. Combustion chambers, shells & stays found in good condition. Safety valves in good condition, & tested under steam to the working pressure of 90 lbs.  $\square$ . Donkey boiler examined lower cross tube found to have two soft patches fitted, recommended these to be removed & one riveted patch substituted, this has been done. Boiler tested satisfactorily to 80 lbs.  $\square$  with hydraulic pressure & safety valve set under steam to 55 lbs.  $\square$

## 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. 3.86* provided that the tail shaft propeller & sea connections are examined in dry dock. - See letter attached.

Office or Registration Fee (per Sec. 27) £ : :

Survey Fee (per Section 28) *22/1/86* £ 4 : 4 :

Special Damage Fee (per Section 28) £ : :

\*Certificate (if required) £ : :

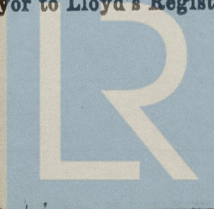
Travelling Expenses (if chargeable) £ : :

Committee's Minute

Assigned

TUESDAY 27 JULY 1886

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



Lloyd's Register  
Foundation

LON677-0030



It is submitted that this vessel is  
eligible to have the notification  
Lmb 3.86 recorded Subject  
to the Survey of Sea connection  
and Propeller shaft.

D.P.

18/3/86

The Seacommotions and  
Propeller shaft have been  
seen in Boston (Ref No 68)

It is submitted that  
this vessel is eligible  
to have the notification  
L.M.C. 3.86 recorded  
in the Register Book

C.P.  
17/7/86



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Foundation