

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

45247

No. *1263* Survey held at *London* Date, first Survey *3<sup>rd</sup> June* Last Survey *25<sup>th</sup> June 1885*  
 on the Machinery of the *Screw Steamer "Australasian"* (Number of Visits *1*)  
 Tonnage, Gross *3630* Built at *Glasgow* When built *1884-11*  
 Ditto, Net *2343* Owners *J. Thompson & Co* Port belonging to *Aberdeen*  
 Diameter of Cylinder *22.46" x 40"* Engines made by *A. Napier & Sons* When made *1884*  
 Length of Stroke *54"* Boilers made by *do* When made *1884*  
 Pressure of Steam *125 lbs* If Surveyed Afloat or in Dry Dock *Both* Character in Register Book.  
 Registered Horse Power *400* Classified *100A1*  
 Last Survey No. *45154* Port *London* *+ L.M.C. 6.84 1-84*

## Particulars of Repairs and Examination to this vessel's Engines and Boilers

(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.)

consisted of the Cylinders, valves, piston, and Condenser being opened and examined, Air pumps, circulating pumps & feed pumps, opened, examined and all found in good working order.

Main bearings, Crank pins, Cross heads, links, levers, and all other working parts of the Engines adjusted and let together. Thrust bearing examined and adjusted. Propeller, Stern bush, screw shaft, and all sea connections examined in dry dock and put into good working condition.

Main Boilers examined internally and externally, found a few leaks in the shells at the bottoms, (probably caused from unequal expansion in raising steam) also a few leaks from the seams at the bottom of the furnaces in the combustion chambers, where a large quantity of salt had collected.

Recommended a number of rivets to be cut out, the holes rived fair & the seams closed and riveted.

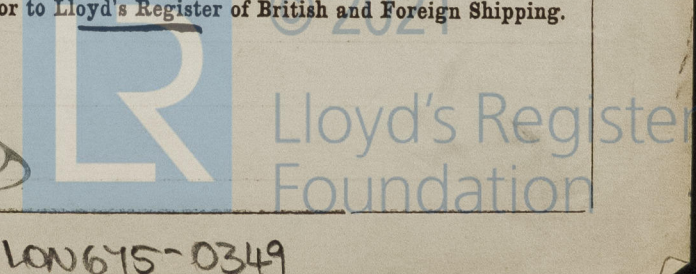
General Observations, Opinion, and Recommendation:— The machinery of this vessel is now in good order and safe working condition and eligible in my opinion to remain as classed.

Office or Registration Fee (per Sec 27)	£	2	2	0
Survey Fee (per Section 28)	£	2	2	0
Special Damage Fee (per Section 29)	£	-	-	-
Certificate (if required)	£	-	-	-
Travelling Expenses (if chargeable)	£	-	-	-

received by me *W.P.* 21/8 1885

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

Committee's Minute  
 Assigned *T.W. New record*  
 TUESDAY 11 AUGUST 1885



LON675-0349



45247 Son

This was done, the seams in the bottoms of the shells were caulked, and the boilers placed in good condition.



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