

Report of Survey for Repairs of Engines and Boilers.

28566

(Dec 13/12/88)

No. in Survey held at Sydney New South Wales Date, first Survey July Last Survey July 1880
 g. Book. on the 6th, 7th, 14th July - 1880 Corea Master
 Built at Port Glasgow (Scotland) When built 1875
 Tons 382. net Owners 606 - Gross Port belonging to Sydney Classified Years assigned. Character in Register Book.

Diameter of Cylinder's 22" & 40" Engines made at Port Glasgow When made 1875
 Length of Stroke 27" By whom made Kincaid Donald & Co
 Pressure of Steam 76
 Registered Horse Power 80 nominal

Particulars of Repairs and Examination On July 6th, 7th, 14th & 21st Surveyed Machinery & Boilers - (the vessel on Slip at the time).
 Engines all to pieces examined. pistons, Cy L's, valves, pump, Condenser, Crank & Turned shafting &c.
 The principal repairs to Engines were - new High pressed piston & piston rod. New Circulating pump buckets & Rod - double set of valves - for air & Coit pumps, Slide valves & gear done up.
 Propeller shaft out - Stern tube - re-lushed, & new brass thimbles on shaft besides other minor repairs - which were found necessary during the general overhaul.

Boiler

Surveyed minutely - found it very defective. Tubes bad - had them entirely renewed (excepting stay-tubes). Steam space staying considerably corroded - entirely re-stayed & kept them 1/4" larger in dia. Water space staying was also much worn in places - had all defective stays renewed (1 3/4" dia) Bottom of Boiler shell (inside) much "pitted" in places sheathed in rags fur & oth, & renewed all faulty rivets. Had safety valves out in lathe, fitted new spring safety valve to Donkey Boiler - which is in good order. Steam Chest (Main Boiler) (out in fire) - in good order.

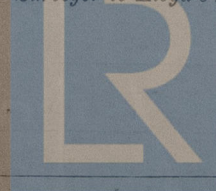
Work inspected daily & tested with cold water on the 29th July 1880 - when everything was satisfactory. Surveyed under steam on the 30th kept engines working two hours - valves blowing freely at 75 lbs; & I hereby certify that the above vessel is now in (as regards Machinery & Boilers) good sea-going order.

Mm Cruickshank
 Engineer Surveyor

The Amount of Fee ... £ 5 : 5 : 0 received by me,
 Certificate (if required) ... £ : : 187

(Travelling Expenses, if any, £)

Committee's Minute



The making of this vessel has been
examined and repaired and is reported
to be in good condition. Submitted
that she is eligible to remain
as cleared. Mr. Brinkshank
is not a member to the
Society.

M 13.12.80



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