

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

No. 49933
Date of Writing Report 188 Port of SAT 5 OCT 1889
No. in Reg. Book. Survey held at London Date, first Survey Sept. 11 Last Survey Oct. 4 1889
1109 on the Machinery of the S. S. "Austral" Master No. of Visits 4
Tonnage Gross 3324 Net 3214 Vessel built at Glasgow By whom J. Elder & Co. When 1881-12
Registered Horse Power 1000 Engines made at " When 1881 Boilers, when made (Main) 1881 (Donkey) 1881
No. of Main Boilers Owners Orient S. N. Co. Port Glasgow Voyage
Steam Pressure in Main Boilers 95 lbs. X Surveyed Afloat & in Dry Dock Tilbury Class of Vessel & Machinery 100 A1.
in Donkey Boiler 86. (State name of Dock.) (As in Register Book, including date of last Boiler Survey) - 1 - L.M.C. 5.88
Last Survey No. Port \$ & Ls. No 3-84.

Particulars of Examination and Repairs (if any) Completion of B.S.
(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

Did the Surveyor personally go inside each Boiler separately (including the Donkey Boiler, if any), and make a thorough examination at this time?
If this was not done, state for what reasons?
And what parts of the Boilers could not be thus thoroughly examined?
Also what special means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each boiler?

Vessel placed in dry dock sea connections examd. Found to be in good condn. the propeller & its fastenings sound & the tail shaft a good fit in Stern bush.
Main boiler examd. internally & externally about 20 screwed stays at back of comb. chrs. have now been renewed, the remainder of boiler in good condn. Safety valves examd. Found in good condition. Tested under steam to 86 lbs.

General Observations, Opinion, and Recommendation:-- As far as seen this vessel appears eligible to remain as classed.
(State clearly what alteration, if any, is suggested to be made in the existing classification and notification of the vessel's machinery in the Register Book, consequent upon this survey: thus for example, B.S. 1/89, B. & M.S. 1/89, or L.M.C. 1/89, as the case may be.)

Office or Registration Fee (per Sec. 27).....	£	:	:	Fees applied for
Survey Fee (per Section 28)	£	1	/	21 10 188 9
Special Damage Fee (per Section 28)	£	:	:	
Certificate (if required) as per margin	£	:	:	received by me,
Travelling Expenses (if chargeable).....	£	:	:	11/11 188 9

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

Committee's Minute TUES 22 OCT 1889
Assigned BS 5/89

N.B.—If this Report is copied by Copying Press, especial care must be taken that the copying paper is not so much damped as to spread the ink, or cause it to show through to the other side.

It is submitted that this
vessel is eligible to have
B.S. 589 recorded

W.A.

21-10-89



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