

No. 11197

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

(Received at London Office)

FRIDAY 22 MAR 1895

State of writing Report 15 th March 1895	When handed in at Local Office 15 th March 1895	Port of Greenock
in Book. Survey held at Port Glasgow	Date, First Survey Feb'y. 8 th Last Survey March 13 1895	(No. of Visits) 144 YEAR. MONTH.
038 on the Machinery of the Wood, Iron or Steel Screw Steamer "Strathclyde", Master R. Cormack.		
Gross 2436 Net 1588	Vessel built at Port Glasgow By whom Blackwood & Gordon	When 1875. 11
grossed 220	Engines made at Triple & Glasgow When 1889. Boilers, when made (Main) 1889 (Donkey) 1884	
of Main Boilers Two	Owners Burrow & Son	Port Glasgow. Voyage Alexandria.
Main Pressure 160 lbs	If Surveyed Afloat or in Dry Dock Port Glasgow Dry Dock	
Donkey Boiler 54 lbs	(State name of Dock.)	

Survey No. Port

Particulars of Examination and Repairs (if any) of part machinery.

State Surveys, when held, must be reported in detail and verbatim in the terms of the Rules. State clearly the parts of the Machinery, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and the cost being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case.

Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? 210

Donkey " Boilers not due for Survey
was not done, state for what reasons?

What parts of the Boilers could not be thus thoroughly examined?

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?

Surveyor examine the Safety Valves of the Main Boiler?

at pressure were they afterwards adjusted under steam?

Surveyor examine the Safety Valves of Donkey Boiler?

at pressure were they afterwards adjusted?

Survey is not complete state what arrangements have been made for its completion?

Damage Survey

Examined propeller and found two blades broken at tips 10 to 11 inches from the hub. blades removed and new ones burned on & blades refastened in place. Tested the after length of crank shaft for fairline by disconnecting it. and found the after journal down $\frac{1}{32}$ and forward journal $\frac{1}{32}$. the after bottom half brass was badly cracked & damaged through heating. the top half brass also cracked during. a new bottom half brass now fitted. when testing shaft for fair line in brass. found shaft journals apparently untrue. shaft removed and fitted in lathe and found the crank hubs unfair through the crank eye being slightly on forward end of pin. causing the journals to revolve unfair. forward end reset fair on pin. bringing crank hubs fair. journals turned up fair so coupling faces trued up. Shaft bushes in bed plate rebored to fit journals & lined up fair. Thrust shaft Collars examined & brass rings. found rings worn slack. rings lined up & block reas. set pins fitted in both ends of L.P. crank pin.

Survey

General Observations, Opinion, and Recommendation:

(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. 9,92, B.G.M.S. 9,92 or L.M.C. 9,92, as the case may be.)

The parts of machinery herein mentioned are now in good & efficient condition. and the vessel is in my opinion eligible to remain as classed in Register Book.

or Registration Fee (per Sec. 27)	£	
Fee (per Section 28)	£	
Damage Fee (per Section 28)	£ 3. 3. 6	
Lining Expenses (if chargeable)	£ 2. 16. 6	
If Certificate is required		

Fees applied for

20. 3. 18. 95

S. Heron

Received by me,

22/3/1895

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Port of Greenock

Continuation of Report No. 11197 dated 15th March 1896 on the

Screw Steamer "Strathleven".

Survey for tear & wear.

Examined outer end of screw shaft & stern bush & propeller.
fastenings of sea connections. Shell of sea cock for ballast Donkey
pump found worn thin a new cock now fitted. Found ship's plate
at brass covering plate for spigot of Donkey trials blow off cock wasting.
a new larger brass covering plate now fitted to protect vessel's plating
from further waste. other parts above mentioned found in good order.

C. G. Heron,