

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

7577

(Received at London Office, MONDAY 23 AUGUST 1886)

No. *4544*

No. in Reg. Book. *829* Survey held at *Glasgow* Date, first Survey *Aug 9<sup>th</sup>* Last Survey *Aug 20<sup>th</sup> 1886*  
 on the Machinery of the "*Clan Macintosh*" (Number of Visits *4*)

Tonnage, Gross	<i>3985</i>	Built at	<i>Greenock (Messrs Scott &amp; Co)</i>	When built	<i>1883</i>	Year	<i>6</i>	Month
Ditto, Net	<i>2636</i>	Owners	<i>Messrs Cairnes &amp; Co</i>	Port belonging to	<i>Glasgow</i>	Year		
Diameter of Cylinder	<i>48 &amp; 86</i>	Engines made by	<i>Messrs Scott &amp; Co</i>	When made	<i>1883</i>	Year		
Length of Stroke	<i>60</i>	Boilers made by	<i>"</i>	When made	<i>1883</i>	Year		
Pressure of Steam	<i>85 lb</i>	If Surveyed Afloat or in Dry Dock	<i>Govan dry dock</i>	Classed	<i>100A1</i>		<i>3-86</i>	Character in Register Book.
Registered Horse Power	<i>600</i>	(State name of Dock.)						

Last Survey No. \_\_\_\_\_ Port \_\_\_\_\_ *L No 8-85*

## Particulars of Repairs and Examination *Annual Survey*

(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.)

The vessel placed in dry dock and the propeller stern-bush, sea-cocks and fastenings examined. Sternshaft drawn in and found in good condition; theignum, ribs renewed in stern bush. Four new propeller blades fitted the old ones being badly corroded. Cylinders, pistons, slide valves, all shafting, pumps and connections examined. A slight flaw in the fillet of the forward journal of crank shaft extending about 3" along crank web. Two 1 1/4" stays fitted through the exhaust port of H. P. cylinder from side to side, also two 1 1/4" stays (secured) in the steam ports; the metal having cracked at these parts. Main and donkey boilers thoroughly examined and found in good condition. Safety valves overhauled and afterwards tested under steam.

## 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.)

The Engines and Boilers of this vessel are now in good working condition and eligible in my opinion to be noted in the Register Book. *L No 8-86*

Office or Registration Fee (per Sec. 27)	£	:	:	} received by me, <i>[Signature]</i> <i>21/8/1886</i>
Survey Fee (per Section 25)	£	2	2	
Special Damage Fee (per Section 28)	£	:	:	
*Certificate (if required)	£	:	:	
Travelling Expenses (if chargeable)	£	:	:	

*G. L. Hindmarsh*  
 Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute TUESDAY 24 AUGUST 1886

Assigned *[Signature]*



GLS152-0214

The Surveyors are required not to write on or below the space for Committee's Minute.

Insert Character of Ship and Machinery precisely as in the Register Book.

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It is submitted that this vessel is  
eligible to have the notification  
form 8. 56 recorded.

W.P.

23/4/86



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THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.