

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

(Received at London Office,

THURS 8 APRIL 1886

No. **4399**
 No. in Survey held at Glasgow Date, first Survey March 22nd Last Survey April 2nd 1886
 Reg. Book. 858 on the Machinery of the "S.S. Clan Ranald" (Number of Visits 8 Year Month)

Tonnage, Gross <u>2068</u>	Built at <u>Dumbarton</u>	Messrs <u>A. McMillan & Sons</u>	When built <u>1848</u> <u>12</u>
Ditto, Net <u>1339</u>	Owners <u>Messrs Gayzer Irvine & Co</u>	Port belonging to <u>Glasgow</u>	Year Month
Diameter of Cylinder <u>36 x 66</u>	Engines made by <u>Mr D Rowan</u>	When made <u>1848</u>	Year
Length of Stroke <u>42</u>	Boilers made by	When made <u>1848</u>	Year
Pressure of Steam <u>80 lbs</u>	If Surveyed Afloat or in Dry Dock <u>Govan, d.k. & afloat</u>	Classed <u>100 A 1</u>	<u>5-85</u>
Registered Horse Power <u>280</u>	(State Name of Dock.)		
Last Survey No.	Port	<u>L.M.B. 5-81 to P. 5-85</u>	

Particulars of Repairs and Examination Special Survey No. 1
 (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 has been placed in the above dry dock and the propeller, stern bush, and sea cock fastenings, examined and found in good condition. Sea cocks taken out and overhauled. Cylinders, pistons, slide valves, pumps, and shafting opened up and all working parts examined a longitudinal flaw in after crank pin about an inch deep. New neck bush fitted for stuffing box of H.P. cylinder cover. Several screwed pins slack in H.P. valve face these have been renewed. Main and donkey boilers thoroughly examined a few places at the bottom of main boiler shells caulked. Safety valves examined and 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 order and safe working condition and eligible in my opinion to be noted in the Register Book L.M.B. 4-86

Office or Registration Fee (per Sec. 27)	£	:	:
Survey Fee (per Section 28)	£	3	3
Special Damage Fee (per Section 28)	£	:	:
*Certificate (if required)	£	:	:
Travelling Expenses (if chargeable)	£	:	:

received by me, [Signature]
 6/4/86 188

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

Committee's Minute FRIDAY 9 APRIL 1886

Assigned [Signature] 4, 86



Lloyd's Register Foundation

GLS151-0444

* Certificate to be sent to

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

4399 Gls

It is submitted that this vessel is eligible to have the certification from 4.86 provided the boilers have been subjected to recovery as per table.

D.P.
8/4/86



EMPLOYEES ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.