

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

(Received at London Office WED 23 DEC 1896)

Date of writing Report 22 Dec 96 When handed in at Local Office 18 Port of London

No. in Reg. Book 77 Survey held at London Date, First Survey 5 Dec Last Survey 21 Dec 1896

on the Machinery of the Wood, Iron or Steel S.S. "Granda" Master R. McEwen

Tonnage Gross 1704 Net 1075 Vessel built at Aberdeen By whom Hall Russell & Co When 1888 Boilers, when made (Main) 1888 (Donkey) 1888

Registered Horse Power 202 Engines made at Aberdeen Owners J. I. Rennie & Son Port Aberdeen Voyage Cape

No. of Main Boilers 2 No. of Donkey Boilers one Steam Pressure in Main Boilers 160 lb in Donkey Boilers 80 lb Surveyed Afloat & in Dry Dock London & Limerick Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

CHARACTER for Special Survey. Date of last Survey and of Periodical Surveys.	Years Assigned or expired.	Machinery and Boiler Surveys (including date of N.B., if any).
+100 A. S. 96		+ L.M.C. 7.92
S.S. No. 1. Lm 92		B.S. 1.96

Last Survey No. _____ Port _____ Particulars of Examination and Repairs (if any) S.S. No 2

(Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. 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 (the cause of which must be stated) should be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and initials of any letters respecting this case.)

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

Do. " Donkey " " " Yes

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? ✓

Did the Surveyor examine the Safety Valves of the Main Boiler? Yes

At what pressure were they afterwards adjusted under steam? blow 158 lbs

Did the Surveyor examine the Safety Valves of Donkey Boiler? Yes

To what pressure were they afterwards adjusted? blow 80 lbs

Has the propeller shaft been drawn and examined at this time? No

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

Vessel placed in dry dock. Examined propeller, Bush, and all sea connection fastenings & found satisfactory. Examined H.P., L.P., & M.P. Cylinders, Covers, valves & faces, & pistons, Condenser, Air, circulating, Feed & Bilge Pumps, Funnel & Thrust shafting & found satisfactory. 2 Feed Suction Valves & one Bilge Discharge Valves re-newed.

Examined Main Boilers externally & internally & found them in fair condition. One stay in port C Chamber side rejoined, 5 stays to starb C Chamber, between wing & centre, renewed. Two stays rejoined in starb boiler port C Chamber

Examined Donkey Boiler externally & internally and found it in fair condition.

Examined all Safety Valves and found them satisfactory P.T.O.

General Observations, Opinion, and Recommendation: The Machinery of this vessel,

(State clearly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.: thus, for example, B.S. 9.95, B.&M.S. 9.95 or L.M.C. 9.95, 10 lb., F.D., &c.)
As far as seen, is now in a safe working condition and eligible in my opinion to have + L.M.C. 12.96. Recorded in the Register of this Society.

	£	s	d	Fees applied for
Office or Registration Fee (per Sec. 27)				31/12 18 96
Survey Fee (per Section 28)	5	0	0	
Special Damage Fee (per Section 28)	4	10	0	
Travelling Expenses (if chargeable)				2/11 18 96

Received by me, Thomas R. Blackie
Engineer Surveyor to Lloyd's Register of British and Foreign Shipping.

*State if Certificate is required _____
Committee's Minute FRI 1 JAN 1897
Assigned + L.M.C. 12.96

TUES MAR 23 1897



58362 Loo

Continued

S/S Inanda

Examined Main & Donkey Boilers under
Steam & adjusted safety valves to
working pressure.

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.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

It is submitted that
this vessel is eligible for
THE RECORD + d. h. c. 12. 96

[Signature]
31.12.96



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Foundation