

DONKEY BOILER— No. *One* Description *See Glasgow Report No. 20925.*
 Made at *Glasgow* By whom made *Lindsay Burnett & Co.* When made *23/20* Where fixed *on Deck.*
 Working pressure *90 lb* tested by *hydro* pressure to *180 lb* No. of Certificate *6549* Fire grate area *25^{sq}* Description of safety valves *James Spring*
 No. of safety valves *2* Area of each *8.29* Pressure to which they are adjusted *90 lb* If fitted with easing gear *Yes*. If steam from main boilers can enter the donkey boiler *No* Dia. of donkey boiler _____ Length _____ Material of shell plates _____ Thickness _____ Range of tensile strength _____
 Descrip. of riveting long. seams _____ Dia. of rivet holes _____ Whether punched or drilled _____ Pitch of rivets _____
 Lap of plating _____ Per centage of strength of joint _____ Rivets _____ Thickness of shell crown plates _____ Radius of do. _____ No. of Stays to do. _____
 Dia. of stays _____ Diameter of furnace Top _____ Bottom _____ Length of furnace _____ Thickness of furnace plates _____ Description of joint _____ Thickness of furnace crown plates _____ Stayed by _____ Working pressure of shell by rules _____
 Working pressure of furnace by rules _____ Diameter of uptake _____ Thickness of uptake plates _____ Thickness of water tubes _____

SPARE GEAR. State the articles supplied:— *Propeller & shaft, 12 shaft coupling, 2 Connecting Rod Bolts, 2 Piston Rod Bolts, 2 main Bearing Bolts, 3 Crank shaft, 6 Crank Ring Bolts, 2 Feed pump valves, 2 Bilge pump valves, 12 Boiler tubes, 12 Condenser tubes, 1 Set of safety valve springs, 6 Cylinder cover Stud nuts, 6 Valve casing Cover Stud nuts, Iron of various sizes Quantities of Bolts & nut Assorted sizes.*
 The foregoing is a correct description,
Ramsay & MacIntyre Manufacturer.

Dates of Survey while building
 During progress of work in shops— *1902. March 24. May 7. 12. 19. 23. 26. Aug 12. 21. 29. Sep 2. 5. 9. 15. 17. 18. 19. 22. 23. 26. Oct 1. 2. 7.*
 During erection on board vessel— *9. 13. 16. 20. 23. 27. 28. 31. Nov 4. 6. 10. 13. 18. 19. 21. 27. Dec 1. 4. 9. 12. 18. 1903. Jan 9. 13. 21. 23. 29.*
 Total No. of _____ *28. 30. June 1. 3. 9. 10. 13. 10. 17. 24.* Is the approved plan of main boiler forwarded herewith *Yes.*
(85 visits) " " " donkey " " "

General Remarks (State quality of workmanship, opinions as to class, &c.)
*The Engines and Boilers of this vessel have been built under Special Survey and the materials and workmanship are good. When completed the machinery was examined while running a full power trial in the Firth, and found to work satisfactorily. It is now in good and efficient condition throughout and eligible in my opinion to have the record of **LMC 6.03** marked in the Register Book.*

It is submitted that this vessel is eligible for **THE RECORD. LMC 6.03**
Bale
17.03
R.S.
17.03

The amount of Entry Fee... £ *3* : : :
 Special ... £ *37* : : :
 Donkey Boiler Fee ... £ : : :
 Travelling Expenses (if any) £ : : :
 Glasgow 29 JUN 1903

Thos R. Austin
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

Committee's Minute
 Assigned *+ L.M.C. 6.03.*

MACHINERY CERTIFICATE WRITTEN 27-03



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Certificate (if required) to be sent to
 (The Surveyors are requested not to write on or below the space for Committee's Minute.)