



**DONKEY BOILER**— No. 1 Description Vertical, Cross-tub.  
 Made at Glasgow By whom made Messrs Marriott & Graham When made 1905 Where fixed Stoboholm  
 Working pressure 80 tested by hydraulic pressure to 160 No. of Certificate 7504 Fire grate area 12 1/2 Description of safety valves Direct Spring  
 No. of safety valves 1 Area of each 5.94 Pressure to which they are adjusted 85 lb If fitted with easing gear Yes If steam from main boilers can enter the donkey boiler No Dia. of donkey boiler 57 3/4" Length 9' 3" Material of shell plates Steel Thickness 3/8" Range of tensile strength 27632 Descrip. of riveting long seams Double riv. lap Dia. of rivet holes 13/16 Whether punched or drilled Drilled Pitch of rivets 2 1/2"  
 Lap of plating 4 1/4" Per centage of strength of joint 95.8 Rivets 95.8 Thickness of shell crown plates 1/2 Radius of do. 5' 0" No. of Stays to do. Four  
 Section of stays Iron 3 1/4" Diameter of furnace Top 48 Bottom 52 Length of furnace 58" Thickness of furnace plates 1/2" Description of joint Welded Thickness of furnace crown plates 1/2" Stayed by Same as crown Working pressure of shell by rules 94 1/2  
 Working pressure of furnace by rules 92 1/2 lb Diameter of uptake 14 1/8" Thickness of uptake plates 1/16" Thickness of water tubes 3/8"

**SPARE GEAR.** State the articles supplied:— Two main bearing bolts. Two top end & two bottom end con. rod bolts. Set coupling bolts. Red & blue pump valves. Assorted iron bolts nuts. 35 Fire bars. Air & circulating pump valves.

The foregoing is a correct description,

Glasgow Manufacturer.

Dates of Survey while building  
 During progress of work in shops— 1904: Nov 29 Dec 22 31 1905: Jan 11 12 24 31 Feb 11 14 27 Mar 13 16 28 Apr 8 11  
 During erection on board vessel— 1905: May 8 16 17 18 19 20  
 Total No. of visits 21 Is the approved plan of main boiler forwarded herewith Yes  
 " " " donkey " " " Yes

**General Remarks** (State quality of workmanship, opinions as to class, &c.)  
These engines & boilers have been constructed & fitted under special survey in accordance with the plans & requirements of the Rules. The workmanship is good.  
The Electric Lighting report will be forwarded soon.  
The machinery in my opinion renders the vessel eligible for the record + L.M.C. 5.05.

It is submitted that this vessel is eligible for THE RECORD L.M.C. 5.05. ELEC. LIGHT

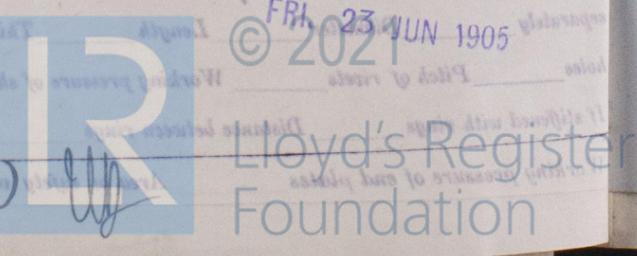
J.M.  
21.6.05.

Arthur L. Jones  
 Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.

The amount of Entry Fee... £ 1 : 0 :  
 Special ... £ 13 : 10 :  
 Donkey Boiler Fee ... £ : :  
 Travelling Expenses (if any) £ : :  
 When applied for, 19 JUN 1905  
 When received, 22 JUN 1905

Committee's Minute Glasgow 18 JUN 1905

Assigned L.M.C. 5.05.  
 (Subject to classification of hull)  
 when fee is paid



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