

the screw shaft cannot watertight and fitted with a sluice door worked from  
**BOILERS, &c.** (Auxiliary) *to be used for refrigerating purposes also Condensing for Supplementary Feed to main Boilers*  
 Number of Boilers            Description Round Horizontal Whether Steel or Iron Steel  
 Working Pressure 80 lbs Tested by hydraulic pressure to 160 lbs Date of test 17<sup>th</sup> October 1884  
 Description of superheating apparatus on steam chest None connected to boiler by neck tube (iron)  
 Can each boiler be worked separately    Can the superheater be shut off and the boiler worked separately     
 No. of square feet of fire grate surface in each boiler 35 ft<sup>2</sup> Description of safety valves Fixed Spring No. to each boiler Two  
 Area of each valve 9.62" Are they fitted with easing gear Yes No. of safety valves to superheater    area of each valve     
 Are they fitted with easing gear    Smallest distance between boilers and bunkers or woodwork 18" Diameter of boilers 12' 3 1/2"  
 Length of boilers 8' 11 1/2" description of riveting of shell long. seams Double butt straps circum. seams Double riveted Thickness of shell plates 7/16"  
 Diameter of rivet holes 7/8" whether punched or drilled Drilled pitch of rivets 3 1/4" x 1 1/8" Lap of plating Straps 10"  
 Per centage of strength of longitudinal joint 93% working pressure of shell by rules 80 lbs size of manholes in shell 16" x 13"  
 Size of compensating rings Doubling plate fitted No. of Furnaces in each boiler Two  
 Outside diameter 3' 4" length, top 6 ft bottom 8' 0" thickness of plates 8/16" description of joint Double butt straps if rings are fitted no  
 Greatest length between rings    working pressure of furnace by the rules 84 lbs combustion chamber plating, thickness, sides 7/16" back 7/16" top 8/16"  
 Pitch of stays to ditto, sides 9" x 9" back 9" x 9" top 8 1/2" x 9" stays are fitted with nuts or riveted heads Nuts working pressure of plating by rules 93 lbs  
 Diameter of stays at smallest part 1 1/4" working pressure of ditto by rules 84 lbs end plates in steam space, thickness 13/16"  
 Pitch of stays to ditto 16" x 1 1/4" how stays are secured by double nuts working pressure by rules 84 lbs diameter of stays at smallest part 2 1/4" did = 2.86" working pressure by rules 84 lbs Front plates at bottom, thickness 13/16" Back plates, thickness 19/16"  
 Greatest pitch of stays    working pressure by rules    Diameter of tubes 3" pitch of tubes 14 1/2" x 14 1/2" thickness of tube plates, front 7/16" back 7/16" how stayed by tubes pitch of stays 8 1/2" x 12 3/4" width of water spaces 6"  
 Diameter of Superheater or Steam chest 4 ft height 5' 2" thickness of plates 7/16" description of longitudinal joint Double riveted diam. of rivet holes 7/8"  
 Pitch of rivets 3 1/4" working pressure of shell by rules    diameter of flue    thickness of plates    If stiffened with rings     
 Distance between rings    working pressure by rules    end plates of superheater, or steam chest; thickness 19/16" how stayed by 2 1/2" x 3 1/2"  
 Superheater or steam chest; how connected to boiler by neck tube 18" diam 7 1/2" from

J. S. Linnis

James Mollis Register Foundation

GLS158-0104



The amount of Entry Fee .. £ : : received by me, {  
 Special ... .. £ : :  
 Donkey Boiler Fee .. .. £ : :  
 Certificate (if required) .. £ : : 18  
 To be sent as per margin.

(Travelling Expenses, if any, £.....)

*Committee's Minute*

**FRIDAY 16 JAN 1885**

*Engineer Surveyor to Lloyd's Register of British & Foreign Shipping.*

