

DONKEY BOILER— No. *One* Description *Cylindrical Multitubular 2 plain furnaces.*
 Made at *Sunderland* By whom made *J. Dickinson & Sons Ltd.* When made *1904* Where fixed *Main deck*
 Working pressure *120 lbs.* tested by hydraulic pressure to *240 lbs.* No. of Certificate *2269* Fire grate area *27 sq ft* Description of safety valves *Direct spring*
 No. of safety valves *Two* Area of each *7.07 sq ft* Pressure to which they are adjusted *120 lbs.* If fitted with easing gear *Yes* If steam from main boilers can enter the donkey boiler *No*
 Dia. of donkey boiler *10'-0"* Length *10'-0"* Material of shell plates *Steel* Thickness *1/4"* Range of tensile strength *28-32* Descrip. of riveting long seams *D.R.D.B.S.* Dia. of rivet holes *19/16"* Whether punched or drilled *Drilled* Pitch of rivets *3 1/4"*
 Width of straps *9 1/2"* Per centage of strength of joint *76.8* Rivets *76.8* Thickness of shell plates *1/4"* Radius of do. *—* No. of Stays to do. *4*
 Dia. of stays *2 1/2"* Diameter of furnace *Top 3'-2" Bottom 3'-2"* Length of furnace *6'-6 1/2"* Thickness of furnace plates *7/16"* Description of joint *Butt strap* Thickness of furnace plates *Top 3 7/8" 5 1/2" Bottom 3 7/8" 5 1/2"* Stayed by *1 1/2" Durr strap 10" x 8 1/4" pitch* Working pressure of shell by rules *120 lbs.*
 Working pressure of furnace by rules *120 lbs.* Diameter of tubes *3 1/4"* Thickness of tubes plates *F 2 1/2" B 3 1/4"* Thickness of tubes *1/4"*

SPARE GEAR. State the articles supplied:— *Propeller shaft, two propeller blades, single throw crank shaft, air circulating pump rods, two top end & two bottom end bolts & nuts, two main bearing bolts & nuts, set of coupling bolts, set of feed & bilge pump valves & associated bolts, nuts & iron.*

The foregoing is a correct description,
JOHN DICKINSON & SONS, LIMITED Manufacturer.

Arthur Meek Secretary
 Dates { During progress of work in shops - - *1904 - Jan. 20, 22, 27, 29, Feb. 2, 5, 10, 15, 19, 23, 25, Mar. 2, 5, 15, 18, 25, 29, Apr. 7, 13, 20, 23, 30, May 3, 7, 10, 16, 18, 19, 26, June 2, 14, 15, 17, 20, 24, 29, 30, July 8, 15, 18, 40.*
 while { During erection on board vessel - -
 building { Total No. of visits *40.*
 Is the approved plan of main boiler forwarded herewith *Yes.*
 " " " donkey " " " " *Yes.*

General Remarks (State quality of workmanship, opinions as to class, &c.)
The machinery of this vessel has been constructed under special survey, the material & workmanship being of good quality. The boiler & main steam pipes have been tested in accordance with the Rules, the whole satisfactorily tried under steam & the safety valves adjusted to the working pressures. This vessel is eligible in my opinion to have the notation in the Register Book of L.M.C. 7,04.

It is submitted that
 this vessel is eligible for
THE RECORD, L.M.C. 7,04 ELEC LIGHT.

W. L. S.
26.7.04
26.7.04

The amount of Entry Fee.. £ *3* : : When applied for, *25.7.04*
 Special £ *37* : *12* : :
 Donkey Boiler Fee £ : : : When received, *25.7.04*
 Travelling Expenses (if any) £ : : : *25.7.04*

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

Committee's Minute **FRI. 29 JUL 1904**
 Assigned *+ L.M.C. 7,04 Elec Light*



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