

REPORT ON BOILERS.

Sld Rpt No 25996

No. 2032

Received at London Office

WED. FEB. 4 - 1914

Date of writing Report 10.6.1913 When handed in at Local Office 18.6.1913 Port of PHILADELPHIA.

No. in Survey held at *Shoeburyness N.S.A.* Date, First Survey *24.4.13* Last Survey *April 20-13*
 Reg. Book. on the *Mackay Bros* (Hull # 21) *S.S. Eupion* (Number of Visits *2*) Tons { Gross
 Master *J. J. Douglas* Built at *Alcoa* By whom built *Mackay Bros Ltd* When built *1914*
 Boilers made at *Shoeburyness* By whom made *International Boiler Works* When made *1913*
 Owners *Eupion S.S. Co Ltd* Port belonging to *London*

VERTICAL DONKEY BOILER— No. *1* Description *Vert. mult.* Manufacturers of steel *Mackay Bros*
 Made at *Shoeburyness* By whom made *The International Boiler Works* When made *1913* Where fixed *Atchale* Working pressure *120 lbs*
 Tested by hydraulic pressure to *240* Date of test *30.4.13* No. of Certificate *50* Fire grate area *11.4* Description of safety valves *Spring loaded*
 No. of safety valves *One* Area of each *2.4* 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 *34 1/2"* Length *6' 6"* Material of shell plates *Steel* Thickness *5/16"* Range of tensile
 strength *28-32* Descrip. of riveting long. seams *Lap d.T.* Dia. of rivet holes *3/4"* Whether punched or drilled *Drill* Pitch of rivets *2 3/4"*
 Up of plating *3 7/8"* Per centage of strength of joint *all tubes* Rivets *72.7* Plates *87.0* Working pressure of shell by rules *130 lbs* Thickness of shell crown plates *7/16"*
 Radius of do. *flat* No. of Stays to do. *all tubes* Dia. of stays *1"* Diameter of furnace *Top 28 7/8"* Bottom *22 1/2"* Length of furnace *22 1/2"*
 Thickness of furnace plates *3/8"* Description of joint *Lap S.T.* Working pressure of furnace by rules *129 lbs* Thickness of furnace crown
 May 1. plates *7/16"* Radius of do. *flat* Stayed by *tube all headed* Diameter of uptake *tube 2"* Thickness of uptake plates *3/16"*
 Thickness of *water* tubes *0.95 x 1.79*

The foregoing is a correct description,
The International Boiler Works Manufacturer.
per George W. Watts

During progress of work in shops -- *March 26. April 30. 1913 (Sld) Jan 26. 29. 31 Feb. 2. 3.*
 Survey while building { During erection on board vessel -- }
 Total No. of visits *7*

Is the approved plan of boiler forwarded herewith *yes.*

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.)

*This donkey boiler has been built under Special Survey
 The workmanship is sound & good.*

*This boiler has been forwarded to the builders to be
 installed.*

*This Boiler has been secured in place, mountings fitted & safety valves
 adjusted under steam & stated pressure.*

Survey Fee \$20 : 00 : } When applied for, *24.5.* 19/13
 Travelling Expenses (if any) \$10 : 00 : } When received, *9.6.* 19/13

FRI. FEB. 6 - 1914

Committee's Minute

Assigned

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



© 2020

Lloyd's Register
 0912-0141