

REPORT ON BOILERS.

No. 2555

MAY 14 1917

REC'D NEW YORK *April 24, 1917* Received at London Office

Date of writing Report *29th March 1917* When handed in at Local Office *29th March 1917* Port of *Philadelphia, Pa.*
 No. in Survey held at *Camden, N. J.* Date, First Survey *18th Oct 1915* Last Survey *27th March 1917*
 Reg. Book. on the *S.S. "Gulfmaid"* (Number of Visits *65*) Tons }
 Master Built at *Camden* By whom built *New York S. B. Corp (No 172)* When built *1917*
 Boilers made at *Camden* By whom made *New York S. B. Corp* When made *1917*
 Owners *Gulf Refining Company* Port belonging to *Port Arthur*

VERTICAL DONKEY BOILER— No. *1* Description *Vertical Tubular* Manufacturers of steel *Worth Bros*
 Made at *Camden* By whom made *New York S. B. Corp* When made *1917* Where fixed *Atchafalpa* Working pressure *130*
 tested by hydraulic pressure to *180* Date of test *10.11.16* No. of Certificate *106* Fire grate area *4.3 sq ft* Description of safety valves *Spring loaded*
 No. of safety valves *1* Area of each *3.14 sq ft* Pressure to which they are adjusted *120* If fitted with easing gear *Yes* If steam from main boilers can enter the donkey boiler *No*
 Dia. of donkey boiler *2.10"* Length *6.6"* Material of shell plates *steel* Thickness *5/16"* Range of tensile strength *28/32* Descrip. of riveting long. seams *D.R. Lap* Dia. of rivet holes *1/16"* Whether punched or drilled *drilled* Pitch of rivets *2.28"*
 Lap of plating *3.2"* Per centage of strength of joint *73.1* Working pressure of shell by rules *125* Thickness of shell crown plates *1/2"*
 Radius of do. *flat* No. of Stays to do. *beaded* Dia. of stays *1/2"* Diameter of furnace Top *2.4 1/4"* Bottom *2.4 1/4"* Length of furnace *24.8"*
 Thickness of furnace plates *3/32"* Description of joint *single lap* Working pressure of furnace by rules *138* Thickness of furnace crown plates *3/8"* Radius of do. *flat* Stayed by *plates beaded* Diameter of uptake *1"* Thickness of uptake plates *1/8"*
 Thickness of water tubes *1/8"*

The foregoing is a correct description,
New York Shipbuilding Corp Manufacturer.
P. M. Young

Dates of Survey while building }
 During progress of work in shops - - }
 During erection on board vessel - - } *See Report H.*
 Total No. of visits

Is the approved plan of boiler forwarded herewith *Yes*

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

See Report H.

Survey Fee £ *10* : When applied for,
 Travelling Expenses (if any) £ *19* : When received,

A. T. Thomas
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute *New York APR 26 1917*
 Assigned *See other report*

