

REPORT ON BOILERS.

No. 2555

REC'D NEW YORK

April 24, 1917

Received at London Office

MAY 14 1917

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 Canden, N. J. Date, First Survey 18th Oct 1915 Last Survey 27th March 1917
 Reg. Book. S. S. "Gulfmaid" (Number of Visits 65) Tons Gross
 Master Canden Built at Canden By whom built New York S. B. Corp (No 172) When built 1917
 Boilers made at Canden 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 North Bros
 Made at Canden 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 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 Rivets 69.8 Plates 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 1/4" 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 1/4"

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 4.
 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 4.

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