

TUE. 27 MAY, 1919
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REPORT ON BOILERS.

No. 15528
3229

REC'D NEW YORK May 5-1919

Received at London Office

of writing Report

191

When handed in at Local Office

191

Port of

New York

in Survey held at
Book.

Bayonne N.J.

Date, First Survey

Last Survey Aug 23 1918

(Number of Visits)

Gross 5784
Net 3513

on the STEEL SCREW STEAMER "SCHODACK"

Built at Philadelphia By whom built American International Corp When built 1919

Machinery made at Schenectady N.Y. By whom made General Electric Co

When made 1918

Motors made at Bayonne N.J. By whom made Babcock & Wilcox Co

When made 1918

Assessors Horse Power 600 Owners United States Shipping Board

Emergency Fleet Corporation

Port belonging to Philadelphia

MULTITUBULAR BOILERS—MAIN, AUXILIARY OR DONKEY.—Manufacturers of Steel Lukens Steel Co

Number for record S. Total Heating Surface of Boilers 8700 sq ft Is forced draft fitted yes No. and Description of Boilers Three Water Tube Working Pressure 200 lb Tested by hydraulic pressure to 400 lb Date of test 30/12/18

of Certificate 266. Can each boiler be worked separately yes Area of fire grate in each boiler No. and Description of

valves to each boiler Two direct spring Area of each valve 4.06 sq ft Pressure to which they are adjusted 300 lbs.

they fitted with easing gear yes In case of donkey boilers, state whether steam from main boilers can enter the donkey boiler

smallest distance between boilers or uptakes and bunkers or woodwork Mean dia. of boilers 42" Length 14' 7 3/8"

material of shell plates Steel Thickness 1/2" Range of tensile strength 60000 Are the shell plates welded or flanged No

Descrip. of riveting: cir. seams S.R. lap long. seams D.R.D.B.S. Diameter of rivet holes in long. seams 29/32" Pitch of rivets 2 1/4"

of plates or width of butt straps 9 3/4" 15" Per centages of strength of longitudinal joint rivets 108 Working pressure of shell by

es 243 lb Size of manhole in shell 15" x 11" Size of compensating ring 7" plate 80.1 No. and Description of Furnaces in each

Material Outside diameter Length of plain part top Thickness of plates crown

description of longitudinal joint No. of strengthening rings Working pressure of furnace by the rules Combustion chamber

Material Thickness: Sides Back Top Bottom Pitch of stays to ditto: Sides Back

If stays are fitted with nuts or riveted heads Working pressure by rules Material of stays Diameter at

smallest part Area supported by each stay Working pressure by rules End plates in steam space: Material Steel Thickness 19/32"

How are stays secured 42" R Attached Working pressure by rules 200 Material of stays Diameter at smallest part

Area supported by each stay Working pressure by rules Material of Front plates at bottom Thickness Material of

upper back plate Thickness Greatest pitch of stays Working pressure of plate by rules Diameter of tubes

pitch of tubes Material of tube plates Thickness: Front Back Mean pitch of stays Pitch across wide

water spaces Working pressures by rules Girders to Chamber tops: Material Depth and thickness of

order at centre Length as per rule Distance apart Number and pitch of Stays in each

Working pressure by rules Superheater or Steam chest: how connected to boiler Can the superheater be shut off and the boiler worked

separately yes Diameter Length Thickness of shell plates Material Description of longitudinal joint Diam. of rivet

es Pitch of rivets Working pressure of shell by rules Diameter of flue Material of flue plates Thickness

stiffened with rings Distance between rings Working pressure by rules End plates: Thickness How stayed

Working pressure of end plates Area of safety valves to superheater Are they fitted with easing gear yes

VERTICAL DONKEY BOILER— No. Description Manufacturers of steel

made at By whom made When made Where fixed Working pressure

tested by hydraulic pressure to Date of test No. of Certificate Fire grate area Description of safety valves

of safety valves Area of each Pressure to which they are adjusted If fitted with easing gear If steam from main boilers can

enter the donkey boiler Dia. of donkey boiler Length Material of shell plates Thickness Range of tensile

strength Descrip. of riveting long. seams Dia. of rivet holes Whether punched or drilled Pitch of rivets

of plating Per centage of strength of joint Rivets Working pressure of shell by rules Thickness of shell crown plates

radius of do. No. of Stays to do. Dia. of stays Diameter of furnace Top Bottom Length of furnace

thickness of furnace plates Description of joint Working pressure of furnace by rules Thickness of furnace crown

plates Radius of do. Stayed by Diameter of uptake Thickness of uptake plates

Thickness of water tubes

The foregoing is a correct description.
The Babcock & Wilcox Co
per J. Stenger Marine Dept

Dates During progress of work in shops - - - 1918 Mar. 6. 14. 15. 18. 19. 21. 22. 25. 27. 28. 29. 30. Apr. 1. 2. 4. 5. & daily until 23 Aug
Survey while building During erection on board vessel - - - See Report & a.
Total No. of visits

Is the approved plan of main boiler forwarded herewith

" " " donkey " "

Lloyd's Register
Foundation

W1582-0080

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

These boilers have been constructed under Special Survey and in accordance with plans approved July 18 1917. The workmanship and material are both of good quality. The steam-drums and sections have been tested by hydraulic pressure to 400 lb per sq inch, and found tight and sound. They have now been despatched for fitting aboard. To complete the survey the boilers to be re-erected on board and tested by hydraulic pressure. All mountings to be examined and fitted. Safety-valves to be adjusted under steam.

Philadelphia:

Boilers erected aboard, mountings examined and fitted, hydraulic test of 400 lbs applied and safety valves adjusted under steam to 200 lbs.

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

The amount of Entry Fee .. £	:	:	When applied for,
Special £	:	:19.....
Donkey Boiler Fee £	:	:	When received,
Travelling Expenses (if any) £	:	:19.....

Committee's Minute

Assigned

New York MAY - 7 1919

See Phil. Rpt No. 3229

Alexander Macnair
Engineer Surveyor to Lloyd's Register of Shipping.



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Lloyd's Register
Foundation

SCHOD

Rpt. 13

Port

No. in
Reg. Book

Owners

Yard No.

DESCRIP

Gener

60-125

Capacity

Where is

Position

Positions

Bridge

Panel

If fuses

circu

If vessel

Are the

Are all

are

Are all

Total num

A Fore

B Offi

C St'd

D Port

F-Po

E G-En

H-Pi

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2

If arc lig

Where ar

DESCRIPT

Main cable

Branch ca

Branch ca

Leads to la

Cargo light

DESCRIPT

All 11

#00, #2

#10, #1

Joints in c

Are all the

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Are there a

How are th