

pt. 5c.

REC'D NEW YORK APR 22 1927

REPORT ON WATER TUBE BOILERS.

No. 76682.

Received at London Office 9 MAY 1927

Sept 3rd 1926 When handed in at Local Office Sept 3rd 1926 Port of New York

No. in Survey held at Bayonne L.I. Date, First Survey Last Survey 19

eg. Bk. S/S ROBERT HOBSON Number of Visits Tons Gross Net

on the Built at Lorain, Ohio By whom built The American S.B. Co. Hull #794. When built

Engines made at Lorain, Ohio By whom made American S.B. Co. When made

Boilers made at Bayonne L.I. By whom made The Babcock & Wilcox Co. When made 1926

Registered Horse Power Owners Interlake S.S. Co. Port belonging to Fairport

WATER TUBE BOILERS—MAIN, AUXILIARY, OR DONKEY.—Manufacturers, of Steel Worth.

Letter for Record Date of Approval of plan July 11th 1926 Number and Description or Type

Boilers Three (3) Water Tube Boilers Working Pressure 200 lb. Tested by Hydraulic Pressure to 400. Date of Test 2, 3, 16, 27.

of Certificate 499, 500, 501. Can each boiler be worked separately. Yes Total Heating Surface of Boilers 7965 #

forced draught fitted Area of fire grate (coal) in each Boiler 52.5 # Total grate area of boilers in vessel including

in and Auxiliary No. and type of burners (oil) in each boiler No. and description of safety valves on

h boiler Area of each valve Pressure to which they are adjusted

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

allest distance between boilers or uptakes and bunkers or woodwork Height of Boiler Width and Length

am Drums:—Number in each boiler One Inside diameter 42" Material of plates Steel Thickness 1/2"

ange of Tensile Strength 60000-70000 Are drum shell plates welded or flanged Description of riveting:—

seams S R L. long. seams DRDBS Diameter of rivet holes in long. seams 29/32" Pitch of Rivets 2 3/32" x 4 9/16"

of plate or width of butt straps 16" x 10 3/4" Thickness of straps 9/16" Percentage strength of long. joint:—Plate 80% Rivet 110%

meter of tube holes in drum 4 1/32" Pitch of tube holes 7" Percentage strength of shell in way of tubes 42%

Drum has a flat side state method of staying Depth and thickness of girders at centre

fitted Distance apart Number and pitch of stays in each Working pressure

rules 260 lb. Steam Drum Heads or Ends:—Material Steel Thickness 13/16" Radius 42"

of Manhole or Handhole 11 x 15 Water Drums:—Number in each boiler One Inside Diameter 7 1/4" x 9"

erial of plates Steel Thickness 9/16" Range of tensile strength Are drum shell plates welded

anged Description of riveting:—Cir. seams long. seams Diameter of Rivet Holes in

seams Pitch of rivets Lap of plates or width of butt straps Thickness of straps

centage strength of long. joint:—Plate Rivet Diameter of tube holes in drum 4 1/32" Pitch of tube holes 7"

centage strength of drum shell in way of tubes Headers or Sections:—Material Steel Thickness 7/8"

ius or how stayed Size of manhole or handhole 6" x 4 1/2" Headers or Sections:—Number 17

erial Steel Thickness 9/16" Tested by Hydraulic Pressure to 400 Material of Stays

at smallest part Area supported by each stay Working Pressure by Rules 580 lb Tubes:—Diameter 4"

kness 6 x 8 BHG Number 238 Steam Dome or Collector:—Description of Joint to Shell

centage strength of Joint Diameter Thickness of shell plates Material

ription of longitudinal joint Diameter of Rivet Holes Pitch of Rivets Working Pressure of shell

Rules Crown or End Plates:—Material Thickness How stayed

ERHEATER. Type B & W Date of Approval of Plan July 11th 1926 Tested by Hydraulic Pressure to 500 lb

of Test 27/8/26 Is a safety valve fitted to each section of the superheater which can be shut off from the Boiler

eter of Safety Valve Pressure to which each is adjusted Is easing gear fitted

rain cock or calve fitted at lowest point of superheater Number, diameter, and thickness of tubes

ore Gear. Tubes Gaskets or joints:—Manhole Handhole Handhole plates

The foregoing is a correct description,
The Babcock & Wilcox Co. Manufacturer.
N. Hubbard &

During progress of 1926- August, 2, 3, 16, 27. Is the approved plan of boiler forwarded herewith

work in shops - - -

During erection on board vessel - - - Total No. of visits

GENERAL REMARKS (State quality of workmanship, opinions as to class, &c.) The workmanship & material both of good quality. To complete the survey, the boilers to be re-erected board, and tested by hydraulic pressure. All mountings to be examined & fitted. Safety valves to be adjusted under steam. The above requirements have been met G.D. Mumford

Survey Fee ... See Cleveland Rpt 378 When applied for, 19

Travelling Expenses (if any) \$: : When received, 19

Alexander Mac Watt. Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute NEW YORK APR 27 1927

igned See Cleveland Rpt. 378

B. Pressure 200 lb D

