

~~Awaiting or~~ Shelter Deck,
~~or Pl. Awaiting Deck.~~

STEEL STEAMER.

No. 4118

MON JUL 31 1922

Port of PHILADELPHIA. Date of completion of Report 18th JULY, 1922. Received at London Office

Survey held at CHESTER & PHILADELPHIA. Date, First Survey 18th FEBRUARY, 1921. Last Survey 8th JULY, 1922.

On the (State if Single, Twin, or Triple Screw) STEEL TWIN SCREW MOTOR VESSEL "MISSOURIAN" Rig TWO MASTS (NO SAILS.)

TONNAGE under
Tonnage Deck... 5468.58

CLASS 100A1 SHELTER DECK
WITH FREEBOARD.

FEET 79.20
Master

Do. between Tonnage Dk. and
SHELTER Deck, including Dk. 2043.68

Total under Upper Dk. 7512.26

Do. of Poop

Do. of R. Qr. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck 354.30

Do. of excess of Hatchways 32.57

Do. above Crown of

Engine Room 7899.13

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room 2827.72

TONNAGE FOR FEES... 444.05

Less Engine Room

Less Navigation Spaces

Breadth (greatest moulded) 59.67

Depth, at middle of length from top of keel to top of
beams at side of uppermost Continuous Deck 39.00

Deduct height of 'tween deck when this does not exceed 8ft. 8.00

Transverse Number 90.67

Length on deck from fore part of stem to after part of
sternpost 445.5

Longitudinal Number 40393

Depth "d" at middle of length. See Secs. 2 & 13... 18.00

Proportions, Depths to Length, Uppermost Continuous
Deck at side to top of keel 11.42

" " " Upper Deck at side
to top of keel 14.37

Year of Appointment (1) As Master in service of
owner of present vessel:—191
(2) As Master of this
vessel:—191

Built at CHESTER, PA.

When built 1922. Launched 14th DEC. 1922.

By whom built MERCHANT SHIPBUILDING CORP.

Owners AMERICAN HAWAIIAN S. S. Co.

Managers

(Where necessary to be entered in Reg. Book.)

Residence NEW YORK.

Port belonging to NEW YORK.

Register Tonnage 4927
as cut on Beam...

Destined Voyage WEST COAST PORTS. If Surveyed while Building, Afloat, or in Dry Dock YES.

LENGTH on	Ft.	Ins.	BREADTH	Ft.	Ins.	DEPTH, ACTUAL	Top of Floors to top of	Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
Deck as per Rule	<u>445</u>	<u>6</u>	Moulded	<u>59</u>	<u>8</u>	Do.	do.	Upper Deck Beams	<u>36</u>	<u>4</u>	<u>Two</u>

Dimensions of Ship per Register,											
Length	<u>445.1</u>		breadth	<u>59.8</u>		depth	<u>27.1</u>	Upper Deck.	Moulded depth, ft. <u>31</u>	ins. <u>0</u>	To Upper Dk.

FRAMING.							PILLARS.						
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.
FRAME, Angles, Bars, amidships	10	4	475	10	4	475	PILLARS, in 'tween Deck, size and spacing	SPACED AS PER APPROVED PLANS.					
Do. in peaks	8	3.5	45	8	3.5	45	" " Half SHELTER TWEEN DKS.	8 5/8 DIA x 50	8 5/8 DIA x 50	8 5/8 DIA x 50	8 5/8 DIA x 50	8 5/8 DIA x 50	8 5/8 DIA x 50
Do. in way of Double Bottoms at Solid Floors	3.5	3.5	437	3.5	3.5	437	" Quarter, 'tween Dks., UPPER	11 3/4 DIA x 50	11 3/4 DIA x 50	11 3/4 DIA x 50	11 3/4 DIA x 50	11 3/4 DIA x 50	11 3/4 DIA x 50
" " at intermdt. Bkts.	7	3.5	45	7	3.5	45	" " in Hold	18 1/2 DIA x 625	18 1/2 DIA x 625	18 1/2 DIA x 625	18 1/2 DIA x 625	18 1/2 DIA x 625	18 1/2 DIA x 625
acing of Frames from centre to centre amidships		28			28		KEELSONS AND STRINGERS.						
" length to collision bulkhead		27			27		CENTRE LINE KEELSON, Vertical Plate above						
" of Frames from centre to centre in peaks		24			24		floors, Through Plate, or Intercoastal Plate						
EVERSED FRAME, Angles	3.5	3.5	56	3.5	3.5	56	" Rider Plate						
Do. in way of Double bottoms at Solid Floors	3.5	3.5	437	3.5	3.5	437	" Flat Keel Plate Angles						
" " at intermdt. Bkts.	7	3.45	35	7	3.45	35	" Horizontal Plates on Floors						
RAMING, depth of girder		10			10		" Angles or Bulb Angles						
COBS, depth and thickness of Floor Plate							" Plate above floors, for length						
" in way of Engine and Boiler space							" Intercoastal Plate, for length						
" thickness at the ends of frame							" Attached to outside plating with Angle						
" depth at 1/2 the half b'dth as per Rule							BILGE KEELSON, Angles						
" height extended at the Bilge							Intercoastal Plate, for length						
DOORS, in Cell Double Bottoms		42			42		Attached to outside plating with Angle						
" state if flanged (top and bottom)		No.			No.		SIDE STRINGERS, Number	ONE IN NOS 5 & 6 HOLDS.					
" spacing of Solid		84			84		" Angle	7	3.5	56	7	3.5	56
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	46		56	46		56	" Intercoastal Plate, for	16	44	16	44	16	44
" Angles, Top	3.5	3.5	56	3.5	3.5	56	" Attached to outside plating with Angle	3.5	3.5	437	3.5	3.5	437
" Bottom	5	5	625	5	5	625	Shelter Deck Stringer Plates, breadth and thickness	62	60	62	60		
" to Floors	6	6	56	6	6	56	" Angle on ditto	6 x 6	625	6 x 6	625		
Brackets at intermdt. frmg., width & thkness	41		42	41		42	" Plates, fore and aft, outside Hatchways		50		50		
DE GIRDERS, number and thickness	Two		42	Two		42	" Deck * Steel, for WHOLE lng.		44		44		
" Angles (top & bottom)	3.5	3.5	437	3.5	3.5	437	" Wood Deck. Material & thickness		No WOOD DECK.				
" to Floors	3	3	437	3	3	437	Upper Deck Stringer Plate, breadth and thickness	56 1/4	50	49	48		
RGIN PLATE, depth (exclusive of flange) and thickness	4 1/4		50	4 1/4		50	" Angles on ditto, No. TWO	3.5 x 3.5	50	3.5 x 3.5	50		
" Angles to outside plating	4	4	50	4	4	50	" Tie Plates, outside Hatchways		40		40		
" to floors	3.5	3.5	437	3.5	3.5	437	" Deck * Steel, for WHOLE lng.		40		40		
Brackets at intermdt. frmg., width & thkness	41		42	41		42	" Wood Deck. Material & thickness		No WOOD DECK.				
Height of Brackets above at bilge		28			28		Second Deck Stringer Plates, br'dth & thckn's	56 1/4	44	49	44		
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	46		54	46		54	" Angles on ditto, No. TWO	3.5 x 3.5	50	3.5 x 3.5	50		
" thickness in Engine and Boiler space			54			54	" Tie Plates, outside Hatchways						
" Remainder in Holds			44			44	" Deck * Material and thickness		STEEL FROM F.P. to E.R. BULK	34	34		
MS, Angles on Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8	3.45	375	8	3.45	375	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness						
Spacing		28			28		" Angles on ditto, No.						
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8	3.45	375	8	3.45	375	" Tie Plates, outside Hatchways						
Spacing		28			28		" Deck. Material and thickness						
MS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10	3.45	325	10	3.45	325	Poop Deck Stringer Plate, breadth & thickness						
Spacing		28			28		" Angles on ditto						
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Tie Plates						
" Angles on upper edge							" Deck. Material and thickness						
Spacing							Bridge Deck Stringer Plate, br'dth & thickness						
MS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							" Angle on ditto						
" Angles on upper edge							" Tie Plates						
Spacing							" Deck. Material and thickness						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel							Forecastle Deck Stringer Plate, br'dth & th'kns						
" Angles on upper edge							" Angle on ditto						
Spacing							" Tie Plates						
							" Deck. Material and thickness						

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop, ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) 1 Dk (Stl) + DEEP FRAMING, 2ND Dk (Stl) IN FORWARD HOLDS & SHELTER Dk (Stl). ☒

Official No. 222236; Signal Letters MQQP. State if Machinery is fitted aft No. How are the surfaces preserved from oxidation? Inside BY PAINT OR BITUMASTIC. CEMENT IN PEAKS ONLY. Outside BY PAINT.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors CELLULAR SYSTEM.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Cap. Tons.
Double bottom, aft, OIL FUEL.	119.0	346.25	Fore peak tank, WATER BALLAST.		231.4
Double bottom, under Engines and Boilers, OIL FUEL.	58.33	266.11	After peak tank, " "		185.2
Double bottom, if under Engines only, OIL FUEL.			Deep tank, aft, OIL FUEL OR WATER BALLAST.	28.0	874.
Double bottom, if under Boilers only, OIL FUEL.	202.92	881.21	Deep tank, forward, OIL FUEL OR WATER BALLAST.		
Double bottom, forward, OIL FUEL.			Other tanks, if fitted, (If necessary, furnish further information by sketch.)		
Total capacity of double bottom		1493.57	State whether the above have been tested as required by the Rules. YES. <input checked="" type="checkbox"/>		

* The wells are not to be included in the lengths of the tanks. 380.25

Order for Special Survey No. 434.

Date 24TH MAY 1920.

No. 386 in builder's yard.

DATES OF SURVEYS held while building

1921 - FEB. 18, 24, 28, MAR. 8, 11, 17, 18, 21, 25, APR. 1, 13, 14, 25, 27, MAY 2, 4, 11, 13, 19, 26, JUNE 2, 13, 14, 20, 21, 28, 29, JULY 5, 7, 8, 12, 16, 27, AUG. 4, SEP. 7, 14, 15, OCT. 7, 11, 13, 17, 19, 21, 24, 28, 31, NOV. 2, 3, 7, 16, 18, 22, 25, 28, 30, DEC. 2, 5, 8, 9, 10, 16, 29.
1922 - JAN. 24, FEB. 9, 13, 27, 28, MAR. 1, 31, APR. 4, 19, MAY 4, JUNE 7, JULY 5, 8.

Total No. of Visits 76

Surveyor's Signature

E. J. Evans