

June 16-1920 85310

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office: 1920

Date of completion of report 7th JUNE 1920 Port of San Francisco No. 3304
 Survey held at Oakland, Cal. Date, First Survey 4th Jan. 1920 Last Survey 29th May 1920
 State if Report is also sent on the Machinery of the Vessel yes

On the (State if Single, Twin, or Triple Screw)

TONNAGE under 6444.74

Tonnage Deck... 6444.74

Do. between Tonnage Dk. and 3rd and 4th Dk. 599.65

Total under Upper Dk. 6444.74

Do. of Poop 31.50

Do. of R. & L. SIDE HOUSES 7.27

Do. of Bridge House 33.12

Do. of Mast 158.29

Do. of Funnel 15.01

Do. of Hatchways 7009.00

Do. of Deck 2243.06

Do. of Spaces 444.54

Do. of NEW SPACES 4321

Do. of Room 4321

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CLASS 7100 91.

Breadth (greatest moulded) 57.0

Depth, at middle of length from top of keel to top of upper deck beams at side 33.0

Transverse Number 90.0

Length on deck from fore part of stem to after part of stern post 125.0

Longitudinal Number 38250

Depth "d," at middle of length (See Secs. 2 & 13) 12.88

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.88

" " Long Bridge Deck Beam at side to top of keel 12.88

Destined Voyage If Surveyed while Building, Afloat, or in Dry Dock yes

Master S.S. HARRIS

Year of appointment

Built at Oakland, Cal.

When built 1920 Launched 1st May 1920

By whom built Moore & B Co

Owners The Vacuum Oil Co

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

Residence New York

Port belonging to New York

Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 33 1/11
 Moulded depth, ft. 41 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 14" ins.
 No. of Decks with flat laid Two
 No. of Tiers of Beams Two

of Ship per Register, Length 125.8 breadth 57.0 depth 31.25
 Moulded depth, ft. 33 ins. 0 To Upper Dk. Dk. Beam, Actual 14" ins.

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.
 Pillars. Size in Ship. Spacing in Ship. Inches per Rule. Or as Approved.

Angles, or C or L Bars amidships 8 3/2 40 18 3/2 40
 Peaks 8 3/2 40 18 3/2 40
 Way of Double Bottoms at Solid Floors 3/2 3/2 7/6 3/2 3/2 7/6

" at intermdt. Bkts. 3/2 3/2 7/6 3/2 3/2 7/6
 Frames from centre to centre amidships 24" 4 24"
 " length to Collision bulkhead 24" 4 24"
 " in peaks 24" 4 24"

ED FRAME, Angles 3/2 3/2 7/6 3/2 3/2 7/6
 Way of Double Bottoms at Solid Floors 3/2 3/2 7/6 3/2 3/2 7/6
 " at intermdt. Bkts. 3/2 3/2 7/6 3/2 3/2 7/6

G, depth of girder 3/2 3/2 7/6 3/2 3/2 7/6
 depth and thickness of Floor Plate 3/2 3/2 7/6 3/2 3/2 7/6
 at mid-line for 3 length amidships 3/2 3/2 7/6 3/2 3/2 7/6
 Way of Engine and Boiler Spaces 3/2 3/2 7/6 3/2 3/2 7/6

Thickness at the ends of vessel 3/2 3/2 7/6 3/2 3/2 7/6
 at 3/4 the half breadth, as per Rule 3/2 3/2 7/6 3/2 3/2 7/6
 Right extended at the Bilges 3/2 3/2 7/6 3/2 3/2 7/6

in Cell. Double Bottoms 3/2 3/2 7/6 3/2 3/2 7/6
 state if flanged (top & bottom) 3/2 3/2 7/6 3/2 3/2 7/6
 Spacing of Solid floors 24" 4 24" 30" 4 30"

GIRDER, in Dbl. bottom, dpth. & thickness 54 7/6 5/8 54 7/6 5/8
 " Angles, Top 3/2 3/2 7/6 3/2 3/2 7/6
 " " Bottom 3/2 3/2 7/6 3/2 3/2 7/6
 " " to Floors 3/2 3/2 7/6 3/2 3/2 7/6

Brackets at intermdt. frmg., width & thickness 3/2 3/2 7/6 3/2 3/2 7/6
 IDERS, number on each side & thickness 3/2 3/2 7/6 3/2 3/2 7/6
 " state if flanged (top and bottom) 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles (top and bottom) 3/2 3/2 7/6 3/2 3/2 7/6
 " " to Floors 3/2 3/2 7/6 3/2 3/2 7/6

PLATE, depth (exclusive of flange) 42 3/2 7/6 42 3/2 7/6
 and thickness 42 3/2 7/6 42 3/2 7/6
 " Angle to Outside Plating 4 4 1/2 4 4 1/2
 " " Floors 4 4 1/2 4 4 1/2

Brackets at intermdt. frmg., width & thickness 3/2 3/2 7/6 3/2 3/2 7/6
 Height of Outside Brackets above at bilge 3/2 3/2 7/6 3/2 3/2 7/6
 BOTTOM PLATING, breadth and thickness of Middle Line Strake 3/2 3/2 7/6 3/2 3/2 7/6
 " in Engine and Boiler space 3/2 3/2 7/6 3/2 3/2 7/6
 " Remainder in Holds 3/2 3/2 7/6 3/2 3/2 7/6

Upper Deck, Single Angle, Bulb 3/2 3/2 7/6 3/2 3/2 7/6
 Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 In way of Long Bridge 3/2 3/2 7/6 3/2 3/2 7/6
 Spacing 3/2 3/2 7/6 3/2 3/2 7/6

Second Deck, Single Angle, Bulb 3/2 3/2 7/6 3/2 3/2 7/6
 Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 Spacing 3/2 3/2 7/6 3/2 3/2 7/6
 Third and Fourth Deck, Single Angle, Bulb 3/2 3/2 7/6 3/2 3/2 7/6
 Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 Spacing 3/2 3/2 7/6 3/2 3/2 7/6

Top Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 3/2 3/2 7/6 3/2 3/2 7/6
 " Angles on upper edge 3/2 3/2 7/6 3/2 3/2 7/6
 " Spacing 3/2 3/2 7/6 3/2 3/2 7/6

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Lloyd's Register
Foundation
1002-0096/3

PARTICULARS OF LONGITUDINAL FRAMING.

GENERAL		FRAMING.	AMIDSHIPS.		ENDS.		AMIDSHIPS.		ENDS.		RIVETING.		Rivets in Brackets to Bulkheads.			
			In Ship.		In Ship.		Per Rule or as approved.		Per Rule or as approved.		Spacing of Rivets on each side of Transverses and Bulkheads.		Number.		Diameter.	
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.
Framing of L, Y & C			4	3 1/2	7/16			4	3 1/2	7/16			5/8	5/8		
Frames in Bridge 'tween Decks ...			6	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Frames from Uppermost Continuous Deck			6	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Framing from Awning, Shelter or Upper Deck to Margin Plate, CENTRE LINE			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Spacing of Longitudinal Frames			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Double Bottoms			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Tank Top Longitudinals			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Bottom			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Amidships			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
At Ends...			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Transverses.			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
In Bridge			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
'tween Decks			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
In Awning, Shelter or Upper 'tween Decks.			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
In Hold.			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Spacing of Transverse Frames			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Longitudinal Beams of L, Y & C			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Bridge Deck ...			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Awg. or Shlt. Dk.			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Upper			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Second			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16
Third			10	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16	4	4	3 1/2	3/8	7/16

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

5c.3.17.—T. W1002-0096313

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 105.75 ft., R.Q.D. ft., Bridge 50.0 ft., Forecastle 41.2 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) 2 OKS (STL) & WEB FRAMES

Official No. 220165; Signal Letters L.W.R.F.

How are the surfaces preserved from oxidation? Inside BY PAINT & ASPHALT OUTSIDE OIL TANKS Outside BY PAINT

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	36.0	56.3	Deep tank, aft,	34.6	24
Double bottom, if under Boilers only,	25.0	86.4	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		142.7	(If necessary, furnish further information by sketch.)		

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

State whether the above have been tested as required by the Rules. Yes

Order for Special Survey No. 115

Date 8TH JAN 1920

No. 154 in builder's yard.

DATES OF SURVEYS held while building

1920 Jan 7, 9, 12, 13, 14, 16, 19, 22, 24, 29, Feb 2, 4, 5, 9, 11, 16, 19, 24, 27, March 2, 4, 8, 12, 17, 19, 22, 24, 25, 27, 29, 31, April 1, 2, 5, 9, 10, 13, 16, 20, 22, 23, 26, 28, 29, May, 1, 4, 6, 7, 10, 13, 14, 15, 18, 20, 24, 25, 27, 28, 29

Total No. of Visits 2

Surveyor's Signature P. M. Entsch

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