

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office NOV. 21 NOV. 1921

Date of completion of report

Survey held at

Oakland, Cal.

State if Report is also sent on the Machinery of the Vessel YES

Port of

San Francisco

Date, First Survey

Dec 9<sup>th</sup> 1920

Last Survey

No. 3638

1921

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

BIRKENHEAD

Rig

Schooner

TONNAGE under

Tonnage Deck...

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

Total under Upper Dk.

Do. of Poop

Do. of R.O. Dk.

Do. of Forecastle

Do. of Houses on Dk.

Do. of Engine Room

Do. above Crown of

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

Less Engine Room

Less Navigation Spaces

Register Tonnage

as per Rule

CLASS 100 A-1

FEET.

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

425.0

Longitudinal Number

38250

Depth "d," at middle of length (See Secs. 2 &amp; 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 Philadelphia

If Surveyed while Building, Afloat, or in Dry Dock

Master

Year of appointment

Built at

Oakland, Cal.

When built

1921

Launched

9<sup>th</sup> July 1921

By whom built

Moore Shipbuilding Co.

Owners

Vacuum Oil Co.

Managers

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

Residence

New York

Port belonging to

New York

LENGTH on Deck

as per Rule

Feet.

Inches.

435 0

BREADTH

Moulded

Feet.

Inches.

57 0

DEPTH, ACTUAL

Top of Floors to top of Upper Dk. Beams

Feet.

Inches.

33 1

Second Dk. Beams

Feet.

Inches.

23 11

No. of Decks with flat laid

Two

No. of Tiers of Beams

Two

Dimensions of Ship per Register, Length

425.0

breadth

57.2

depth

33.1

Moulded depth, ft.

41

ins.

0

To Bridge Dk.

Round of Upper

14

ins.

Moulded depth, ft.

33

ins.

0

To Upper Dk.

Dk. Beam, Actual

14

ins.

### FRAMING.

FRAME, Angles, or Bars amidships	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Do. in peaks	8	3 1/2	7/16	8	3 1/2	7/16
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	7/16	3 1/2	3 1/2	7/16
" " at intermdt. Bkts.	✓					
Spacing of Frames from centre to centre amidships	✓					
" " length to Collision bulkhead	✓					
" " in peaks	24			24		
EVERSED FRAME, Angles	✓					
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	7/16	3 1/2	3 1/2	7/16
" " at intermdt. Bkts.	✓					
FRAMING, depth of girder	✓					
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	✓					
" in way of Engine and Boiler Spaces	✓					
" thickness at the ends of vessel	13/32	17	7/16	13/32	17	7/16
" depth at 1/2 the half breadth, as per Rule	✓					
" height extended at the Bilges	✓					
LOORS in Cell. Double Bottoms	13/32	17	7/16	13/32	17	7/16
" state if flanged (top & bottom)	NO					
" Spacing of Solid floors	27	30	30	27	30	30
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	54	9/16	5/8	54	9/16	5/8
" Angles, Top	3 1/2	3 1/2	7/16	3 1/2	3 1/2	7/16
" Bottom	6	6	9/16	6	6	9/16
" to Floors	6	6	1/2	6	6	1/2
" Brackets at intermdt. frmg., wdth & thcknss	✓					
DE GIRDERS, number on each side & thickness	Tw. 13/32	17/16	Tw. 13/32	17/16		
" state if flanged (top and bottom)	NO					
" Angles (top and bottom)	3 1/2	3 1/2	7/16	3 1/2	3 1/2	7/16
" to Floors	3	3	7/16	3	3	7/16
MARGIN PLATE, depth (exclusive of flange) and thickness	4 1/2	1/2	9/16	4 1/2	1/2	9/16
" Angle to Outside Plating	4	4	1/2	4	4	1/2
" Floors	6	3 1/2	7/16	6	3 1/2	7/16
" Brackets at intermdt. frmg., wdth & thcknss	✓					
" Height of Outside Brackets above at bilge	✓					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	7 1/2	1/2	9/16	7 1/2	1/2	9/16
" in Engine and Boiler space	1/2	9/16	1/2	9/16		
" Remainder in Holds	✓					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	SEE PAGE 4					
" In way of Long Bridge	✓					
" Spacing	✓					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓					
" Spacing	✓					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓					
" Angles on upper edge	✓					
" Spacing	✓					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 x 4 1/2 x 3/4 x 48	8 x 4 1/2 x 3/4 x 48				
" Angles on upper edge	✓					
" Spacing	24	30	24	30		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	✓					
" Angles on upper edge	✓					
" Spacing	✓					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 x 4 1/2 x 3/4 x 48	8 x 4 1/2 x 3/4 x 48				
" Angles on upper edge	✓					
" Spacing	24		24			

### PILLARS.

PILLARS In 'tween Deck, size and spacing

" " Hold

" " Quarter 'tween Dks.,

" " in Hold

### KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

floors, Through Plate, or Intercostal Plate

" Rider Plate

" Flat Plate Keel Angles

" Horizontal Plates on Floors

" Angles or Bulb Angles

SIDE KEELSONS, Number

" Angles or Bulb Angles

" Plate above floors, for length

" Intercostal Plate for length

" Attached to outside Plating with Angle

BILGE KEELSON, Angles

" Intercostal Plate for length

" Attached to outside Plating with Angle

SIDE STRINGERS, Number

" Angle

" Intercostal Plate, for length

" Attached to outside plating with Angle

Upper Deck Stringer Plate, br'dth &amp; thickness

" " " " (clear of Bridge)

" " " " br'dth &amp; thickness

" " " " (in way of Bridge)

" " " " Angle (clear of Bridge)

" " " " Tie Plate at sides of Hatchways

" Deck, \* Iron or Steel, for FULL lng.

" " " " Thickness (clear of Bridge)

" " " " (in way of Bridge)

" Wood Deck, Material &amp; thickness

Second Deck Stringer Plate, br'dth &amp; thickness

" Angles on ditto, No. ONE

" Tie Plates outside Hatchways

" Deck, \* Iron or Steel, for FULL lng.

" Wood Deck, Material &amp; thickness

Third Deck Stringer Plate, br'dth &amp; thickness

" Angles on ditto, No.

" Tie Plates, outside Hatchways

" Deck, \* Material and thickness

Fourth and Fifth Deck Stringer Plate, br'dth &amp; thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck, Material &amp; thickness

Poop Deck Stringer Plate, breadth &amp; thickness

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

Bridge Deck Stringer Plate, br'dth &amp; thickness

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

Forecastle Deck Stringer Plate, br'dth &amp; thickness

" Angle on ditto

" Tie Plates

" Deck, Material and thickness

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

MASTS, SPARS, &c.												
	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.		
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.	
LOWER MASTS.....	Fore .....	STEEL	70' 0"		22 x 3/8		18 x 3/8	TWO	✓	✓	SINGLE	TREBLE
	Main .....	"	"		"		"	✓	✓	✓	"	"
	Mizen .....	"	66' 0"		14 x 5/16		11 x 5/16	✓	✓	✓	✓	✓
Bowsprit												
Topmasts, Yards and Remainder of Spars OREGON PINE.												
Rigging, Material and Size, Shrouds G.S.W. 3/2.												
Sails. ✓ Suit of Sails, and the following spare sails ✓												

W1006-0083 1/2

[illegible]

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop 105.75 ft., R.Q.D. ☒ ft., Bridge 50.0 ft., Forecastle 4.25 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 as should appear in the Register Book) 2 DKS (STL) AND WEB FRAMES.

Official No. .... ; Signal Letters ..... State if Machinery is fitted aft YES.

How are the surfaces preserved from oxidation? Inside BY PAINT AND 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓		Fore peak tank,		✓
Double bottom, under Engines and Boilers,	✓		After peak tank,		122.0
Double bottom, if under Engines only,	36.0	56.3.	Deep tank, aft,	34.6.	✓
Double bottom, if under Boilers only,	25.0	86.4	Deep tank, forward,		948.0
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. 128.  
Date 28/ Feb/ 21.  
No. 166. in builder's yard.

LINE of Surveys  
and white building

1920. DEC. 9, 10, 13, 16, 22, 27, 30. 1921. JAN. 5, 8, 11, 13, 19, 20, 26, 31.  
FEB. 4, 7, 9, 11, 15, 18, 21, 23, 25, 28. MARCH. 14, 18, 25, 31. APRIL. 4, 8, 14, 20, 27.  
MAY. 5, 11, 17, 24. JUNE. 2, 8, 14, 20, 27, 24, 28, 29. JULY. 1, 5, 6, 7, 8, 9, 25.  
AUGUST. 16, 24, 31. SEPT. 20, 27. OCT. 5, 7, 14, 18, 20, 24, 25. 165

Total No. of Visits

Surveyor's Signature

W. Smith & A. W. Smith