

STEEL SAILING SHIP.

Port of New York
Survey held at Newburgh, N.Y.
On the Steel Range

Date of completion of Report 4 June 1914
Date of First Survey January 1914

Received at London Office

No. 13915
MON 16 JUL 1917

Last Survey 10 May 1914

19

TONNAGE under Tonnage Deck

Do. of Poop

Do. of raised Or. Deck

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Gross Tonnage

Less Crew Space

TONNAGE FOR FEES

Less Navigation spaces

Register Tonnage

as cut on Beam

CLASS SA - Range carrying Petroleum in Bulk for use at Tampico

Breadth (greatest moulded)

Depth, at middle of length, from top of keel to top of

Upper Deck Beam, at side

Transverse Number

Length, on deck from fore part of stem to after part of

sternpost

Longitudinal Number

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

Proportions, Depths to length, Upper Deck beam at

side to top of keel

Destined Voyage

Rig

Master

Year of Appointment

Built at

When built

By whom built

Owners

Managers

Residence

Port belonging to

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

Launched

2nd April 1914

Laurel Shipbuilding Corporation

Tampico Navigation Company

Tampico, Mexico

New York

Building

LENGTH on deck as per rule	Feet	Inches	BREADTH Moulded	Feet	Inches	DEPTH	Feet	Inches	LONGITUDINALS	Feet	Inches	No. of Decks with Flat laid	No. of Tiers of Beams
165	33	4	34	8	2	8	0	2	8	0	2	One	One
Dimensions of Ship per Register, Length, 166'3" breadth, 33'8" depth, 8'9" Moulded depth, ft. 8 in. 8 1/2 Round up of Beam 2" ins.													

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar, depth and thickness	✓	✓
STEM, moulding and thickness	✓	✓
STERN-POST, do. do.	✓	✓
RUDDER—A x D Table 22	✓	✓
" Main Piece, diameter at head	✓	✓
" " " heel	✓	✓

RUDDER, how constructed ✓
Can the Rudder be unshipped afloat? ✓

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, C or L Bars, amidships	Longitudinal	Frames				
" in peaks	25	25				
Spacing of Frames from centre to centre, amidships	25	25				
" " " in peaks	25	25				
REVERSED FRAME, Angles, amidships	✓	✓				
" " " in peaks	✓	✓				
FRAMING, depth of girder	10	10				
FLOORS, depth and thickness of Floor Plate at mid line for 3/4 length amidships	24	5/16	24	5/16		
" thickness at the ends of vessel	✓	✓				
" depth at 3/4 the half breadth, as per Rule	✓	✓				
" height extended at the Bilges	✓	✓				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	Longitudinal	Beams				
" Angles on Upper Edge	✓	✓				
" Average space	✓	✓				
BEAMS, Second or Lower Deck, Plate, Tee Bulb or Channel	✓	✓				
" Angles on Upper Edge	✓	✓				
" Average space	✓	✓				
BEAMS, Third or Orlop Deck, Plate, Tee Bulb or Channel	✓	✓				
" Angles on Upper Edge	✓	✓				
" Average space	✓	✓				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓				
" Angles on Upper Edge	✓	✓				
" Average space	✓	✓				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓				
" Angles on Upper Edge	✓	✓				
" Average space	✓	✓				
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	✓	✓				
" Angles on Upper Edge	✓	✓				
" Average space	✓	✓				
PILLARS, In 'tween Decks, Size and spacing	6 x 3 1/2 x 3 1/2	40	12 x 12	0'8"		
" " Hold	✓	✓				
" " Quarter, 'tween Dks.	✓	✓				
" " in Holds	✓	✓				
WEB-FRAMES, Number and spacing	Longitudinal	Frames				
" " Breadth and thickness	✓	✓				
" No. of Side Stringers, breadth and thickness	✓	✓				
" Size of Face Angles to Web Frames	✓	✓				
PARTIAL BULKHEADS, as per Sketch, page 145, No.	✓	✓				
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness	✓	✓				

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	✓	✓				
" Rider Plate	✓	✓				
" Flat Keel Plate Angles	✓	✓				
" Horizontal Plates above floors	✓	✓				
" Angles or Bulb Angles	✓	✓				
SIDE KEELSONS, Number	✓	✓				
" " Angles or Bulb Angles	✓	✓				
" " Plate above floors for	Ing.	✓				
" " Intercoastal Plate for	Ing.	✓				
" Attached to outside Plating with Angle	✓	✓				
BILGE KEELSON, Angles or Bulb Angles	✓	✓				
" " Plate above floors for	Ing.	✓				
" " Intercoastal Plates for	Ing.	✓				
" Attached to outside Plating with Angle	✓	✓				
SIDE STRINGERS, Number	✓	✓				
" " Angle	✓	✓				
" " Intercoastal Plates for	Ing.	✓				
" Attached to outside Plating with Angle	✓	✓				
Upper Deck Stringer Plate, breadth and thickness	5 1/2	4	5 1/2	4		
" Angle on ditto	2 1/2 x 2 1/2	5/16	2 1/2 x 2 1/2	5/16		
" Tie Plates, fore and aft, outside Hatchways	✓	✓				
" Diagonal Tie Plates, No. of Prs.	✓	✓				
" Main Dk. Iron or Steel for	Steel	4				
" Wood Deck, Material and thickness	✓	✓				
Second or lower Deck Stringer Plate, breadth and thickness	✓	✓				
Is the Stringer Plate attached to the Outside Plating?	✓	✓				
" Angles on ditto, No.	✓	✓				
" Tie Plates, outside Hatchways	✓	✓				
" Diagonal Tie Plates, No. of Prs.	✓	✓				
" Deck, Material and thickness	✓	✓				
Third or Orlop Deck Stringer Plate	✓	✓				
Is the Stringer Plate attached to the Outside Plating?	✓	✓				
" Angles on ditto, No.	✓	✓				
" Tie Plates, outside Hatchways	✓	✓				
Poop Deck Stringer Plate, breadth & thickness	✓	✓				
" Angle on ditto	✓	✓				
" Tie Plates	✓	✓				
" Deck, Material and thickness	✓	✓				
Bridge Deck Stringer Plate, breadth & thickness	✓	✓				
" Angle on ditto	✓	✓				
" Tie Plates	✓	✓				
" Deck, Material and thickness	✓	✓				
Forecastle Deck Stringer Plate, brdth & thknss	✓	✓				
" 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.

BULKHEADS.	Number.		Thickness.	STIFFENERS.			Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Spacing		
				Inches.	Inches.	Inches.		
W. T. BULKHEADS	3	3	4	✓	3 1/2 x 2 1/2 x 5/16	25	Single	Upper Deck
COLLISION	"							
PARTITION	1	1	4	10 x 2 1/2 x 3/16	3 1/2 x 2 1/2 x 3/16	12	Single	✓

Are the outside Plates doubled two spaces of Frames in length?

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		Ordinary		Double or Triple		RIVETS.		STRAPS.		IF LAPPED.				
	Breadth	Thickness	Breadth	Thickness	Breadth	Thickness	Breadth	Thickness	Breadth	Thickness	Diam.	Spacing	Breadth	Thickness	Breadth	Thickness			
KEEL (Riveting)	IN.	5 1/2	4	4	4	5 1/2	4	Single	2 1/2	3/8	2 1/4	Double	3/8	2 1/2	4 1/2	1 1/2			
GARBOARD OF A STRAKE	IN.																		
B	IN.																		
C	OUT.																		
D	IN.																		
E	IN.																		
F	OUT.																		
G	IN.																		
H	IN.																		
J	IN.																		
K	IN.																		
L	IN.																		
M	IN.																		
N	IN.																		
P OF OF R. Q. Dk. SIDES																			
SHORT BRIDGE SIDES																			
FORECASTLE SIDES																			

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c. *Carnegie Steel Company*

Has the Steel been tested as required by the Rules? *Yes*

FRAMES extend in one length from *Longitudinal* frames.

REVERSED FRAMES on floors and frames extend from *middle line to* and to *alternately*.

MASTS AND SPARS.										RIGGING.									
MASTS, &c.	MATERIAL.	Total Length.	DIAMETER AND THICKNESS AT—				No. of Plates in Round.	ANGLES.		RIVETING.		MATERIAL.	SHROUDS.		STAYS.				
			Partners.	Heel.	Hounds.	Head.		Num-ber.	Size.	Seams.	Butts.		No.	Size.	No.	Size.			
LOWER MASTS	Fore																		
	Main																		
	Mizen																		
	Jigger																		
BOWSPRIT	Fore																		
	Main																		
TOPMASTS	Mizen																		
	Jigger																		
YARDS.	Fore		At Centre		At Ends														
LOWER YARDS	Main																		
	Crossjack																		
	Jigger																		
FORE	Lower																		
	Upper																		
MAIN	Lower																		
	Upper																		
TOPSAIL YARDS.	Mizen																		
	Upper																		
	Lower																		
JIGGER	Upper																		
	Lower																		

Remainder of Spars

EQUIPMENT No. LETTER										ANCHORS.										TONNAGE FOR TRAWLERS										U. Dk.									
Number of Certificate.		Anchors.		Weight, Ex. Stock		Weight of Stock		Test, per Certificate.		Weight Req. per Rule		Description of Anchor.		Makers.		Where and when tested and Superintendent.																							
				Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. cwts. qrs. lbs.		Cwts. qrs. lbs.																													
1st Bower																																							
2nd																																							
3rd																																							
Collective weight																																							
Stream																																							
Kedge																																							

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.		Fathoms.		Size.		Test per Certificate.		Weight of Chain Cable.		Fathoms and Size per Rule.		Description.		Makers of Cables.		When and where tested, and Superintendent.			
								Supplied		Per Rule.									
Iron Steam Chain																			
Steel Wire																			

Boats

Pumps, Number *One*

Windlass is *Hand*

Number of Scuppers, and number and dimensions of Freeing Ports

Ceiling in Holds, thickness and material

Cargo Hatchways.—How formed? *Steel beaming*

State size No. 1 Hatch (Forward) *6' 6" x 10'* No. 2 Hatch *Yes*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch

Bulwarks, height above deck and description

No. of Breasthooks

Main Rail, material and size

No. of Crutches

Topgallant Rail

The above is a correct description

Builder's Signature (Area only) *Shute Ship Building Co. Ltd.*

Surveyor's Signature *A. Allen*

Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

Workmanship. Are the butts of plating planed or otherwise fitted? *chipped*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes*

Do any rivets break into or through the seams or butts of the plating? *No*

Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped? *Yes*

Have all upper and weather decks been tested as required by Rules (Sec. 26, par 20)? *Yes*

State results of test *Satisfactory*

Have all gutterways been tested as required by Rules (Sec. 26, par 20)? *Yes*

State results of test *Satisfactory*

General Remarks (State quality of workmanship, &c.)

This vessel has been constructed in accordance with the approved plans and the Rules and the workmanship is good.

The cargo tanks have been tested in accordance with the Rules and found satisfactory.

An amended copy of approved plans is forwarded herewith.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. *✓* ft., Bridge *✓* ft., Forecastle *✓* ft. (in feet and tenths). 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 it should appear in the Register Book) *One deck (steel) longitudinal framing.*

Official No. *10*; Signal Letters *1914*

How are the surfaces preserved from oxidation? Inside *Bitumastic enamel clear of cargo tanks.* Outside *Paint*

Order for Special Survey No. *10* Date *4 December 1916*

Order for Ordinary Survey No. *10* Date *4 December 1916*

No. *4* in builder's yard.

DATES of Surveys held while building as per Section 18.

1st. On the several parts of the frame, when in place, and before the plating was wrought, *1914, January 3, 12, 23, 31; February 7, 20; March 4, 19, 24.*

2nd. On the plating during the process of riveting, *April 12, 13, 14, 18, 25 May 1, 4, 10.*

3rd. When the decks were in and fastened, and before the decks were laid, *✓*

4th. When the ship was complete, and before the plating was finally coated or cemented, *✓*

5th. After the ship was launched and equipped.

Total No. of Visits *14*

The amount of Entry Fee£ *10 00*

Special Survey Fee.....£ *100 25*

Travelling Expenses, if any £ *46 90*

Fees applied for, *11.6 1917*

Received by me, *22.6 1917*

I am of opinion this Vessel should be Classed *A—Barge carrying Petroleum in bulk*

Without Freeboard, as condition of Class *For River Service at Lampico.*

Committee's Minute *New York JUN 12 1917*

Character assigned *+ A—Barge for Pet. in bulk for River Service at Lampico.*

note: *Long framing*

A. Allen

Surveyor to Lloyd's Register of British and Foreign Shipping.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.					
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.	Inches.	Number.	Diameter.
Framing of L, T or C		10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	5/8	4 3/8	2 1/16 for 10 plates each side	4-8-9	5/8	
Frames in Bridge 'tween Decks ...		10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	5/8	4 3/8	2 1/16 for 10 plates each side	4-8-9	5/8	
Frames from Uppermost Continuous Deck	No. 1	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	5/8	4 3/8	2 1/16 for 10 plates each side	4-8-9	5/8	
Framing from Awning, Shelter or Upper Deck to Margin Plate.	" 2																		
	" 3																		
	" 4																		
	" 5																		
	" 6																		
	" 7																		
	" 8																		
	" 9																		
	" 10																		
	" 11																		
	" 12																		
" 13																			
" 14																			
" 15																			
" 16																			
Spacing of Longitudinal Frames	Amidships	25																	
	At Ends	25																	
Double Bottoms L, T or C	Tank Top Longitudinals																		
	Bottom																		
Spacing of Longitudinals	Amidships																		
	At Ends																		
Transverses.																			
In Bridge 'tween Decks	Depth and Thickness																		
	Face Angles																		
	Lugs to Shell*																		
In Awning, Shelter or Upper 'tween Decks.	Depth and Thickness																		
	Face Angles																		
	Lugs to Shell*																		
In Hold.	Depth and Thickness	Deck 16x5/16	Side 12x5/16	Bottom 24x5/16	Centre 24x5/16														
	Face Angles	6x3/4x5/16	4x3/4x5/16	6x3/4x5/16	3/4x2 1/2x5/16														
	Lugs to Shell*	2 1/2x2 1/2x5/16	2 1/2x2 1/2x5/16	2 1/2x2 1/2x5/16	2 1/2x2 1/2x5/16														
	Brackets																		
Spacing of Transverse Frames		12-0 3/8	12-0 3/8	12-0 3/8	12-0 3/8														
* State if jagged or lipless.		Neither	4 rows	direct to	shell														
Longitudinal Beams of L, T or C	Bridge Deck ...																		
	Awg. or Shltr. Dk.																		
	Upper	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16	10x2 1/2 x 15/16														
	Second																		
	Third																		

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.



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