

Spar, or Awning Dk.

IRON OR STEEL STEAMER.

No. 1175

Port of PHILADELPHIA.

Date of completion of Report 22<sup>nd</sup> May 1903

Received at London Office

JUN 1903

Survey held at Camden N.Y.

Date, First Survey 22<sup>nd</sup> Aug 1902 Last Survey 19<sup>th</sup> May 1903

On the STEEL SCREW STEAMER

LIGONIER

Rig Schooner (3 Masts)

TONNAGE under

Tonnage Deck...

Do. between Tonnage Dk.

Do. of Bridge House

Do. of Forecasts

Do. of Houses on Deck

Do. of ~~houses on Deck~~

Do. above Crown of

Engine Room ...

Gross Tonnage

Space

Crown of

Room ...

tion Spaces

Tonnage

Beam ...

SPAR, ~~AWNING OR PART AWNING-DECKED VESSEL,~~

or a Vessel having a continuous Shade Deck.

CLASS 100 A.1.

Half Breadth (moulded)

Depth from upper part of keel to top of Main Deck Beams

Girth of Half Midship Frame (as per Rule)

1st Number

Length

2nd Number

Proportions—Breadths to Length

Depths to Length—Main Deck to top of Keel

Destined Voyage Port Arthur

Master L. S. Johnson

Year of Appointment

Built at Camden N.Y.

When built 1903

Launched 22<sup>nd</sup> April 1903

By whom built New York Ship Bldg. Co

Owners J. M. Suffer Petroleum Co

Managers

(Where necessary to be entered in Reg. Book)

Residence Pittsburgh Pa.

Port belonging to Port Arthur

Build under

Special Survey.

on Deck	Feet.	Inches.	BREADTH	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with flat laid	No. of Tiers of Beams
Rule...	358	0	Moulded	46	3	Do. do. Main Deck Beams	79	2 1/2			TWO	TWO

of Ship per Register, Length 352'5" breadth 46'4" depth 26'2" Spar or Awning Dk. Moulded depth, ft. 20 ins. 4 To Main Dk. Round up of Beam, Main Dk. 11 1/2 ins.

FRAMING.	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
of oil compartments	6	3 1/2	11	6	3 1/2
Bars, for length	5	3 1/2	7	5	3 1/2
at each end	3 1/2	3 1/2	10	3 1/2	3 1/2
way of Double Bottoms at Solid Floors		24		24	
of Frames from moulding edge to	3 1/2	3 1/2	8	3 1/2	3 1/2
ing edge, all fore and aft	3 1/2	3 1/2	9	3 1/2	3 1/2
SED FRAME, Angles	25		9	25	9
at mid-line for 1/2 length amidships		18		18	5
way of Engines and Boilers	50		50		9
thickness at the ends of vessel	24		24		10
depth at 1/2 the half-bdth. as per Rule	42	10	42	10	
height extended at the Bilges	4	4	9	4	9
S & BRACKETS, in Ceil Double Bottoms	5	5	9	5	9
Distance apart	24		24		9
E GIRDER, in Double bottom, depth	42	10	42	10	10
and thickness	4	4	9	4	9
Angles, Top	5	5	9	5	9
" Bottom	24		24		9
RDERS, number and thickness	24		24		10
Angles	3 1/2	3 1/2	10	3 1/2	3 1/2
N PLATE, depth (exclusive of flange)	46	10	46	10	10
and thickness	6" FLANGE	5" FLANGE			
Angles	84 x 10	84 x 10			
BOTTOM PLATING, breadth and	E. 16; B. 10	E. 15; B. 10			
thickness of Middle Line Strake					
" thickness in Engine and Boiler space					
Remainder in Hold	7	3	8	7	3
Spar or Awning Deck, Single Angle					
Bulb Angle, Plate or Tee Bulb	7	3	11	7	3
Angles on upper edge	24		24		11
verage space					
Main Deck, Single Angle, Bulb	7	3	11	7	3
Angle, Plate or Tee Bulb					
Angles on upper edge	24		24		
verage space					
Lower Deck, Single Angle, Bulb					
Angle, Plate or Tee Bulb					
Angles on upper edge					
verage space					
Hold, or Orlop, Plate or Tee Bulb					
Angles on upper edge					
verage space					
Poop Deck, Angle, Bulb Angle, Plate	8	3	9	8	3
or Tee Bulb					9
Angles on upper edge	48		48		
Average space					
Bridge Deck, Angle, Bulb Angle, Plate	8	3	9	8	3
or Tee Bulb					9
Angles on upper edge	48		48		
Average space					
Forecastle Deck, Angle, Bulb Angle, Plate	6	3	8	6	3
or Tee Bulb					8
Angles on upper edge	24		24		
verage space					

FORGINGS AND CASTINGS.	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
KEEL, Bar or Side Plates, depth and thickness	11 x 2 3/4	11 x 2 3/4			
STEM, moulding and thickness	11 x 6 1/2	11 x 6 1/2			
STERN-POST for Rudder do. do.	11 x 6 1/2	11 x 6 1/2			
" " for Propeller	9 1/2	9 1/2			
MAIN PIECE of Rudder, diameter at head	4 1/2	4 1/2			
do. at heel					
RUDDER, how constructed	Of cast steel solid.				
Can the Rudder be unshipped afloat?	Yes				
KEELSONS AND STRINGERS.	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule Or as Approved.	20ths per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above					
floors, Through Plate, or Intercoastal Plate					
" Rider Plate					
" Bulb Plate to Intercoastal Keelson					
" Horizontal Plates on Floors					
" Angles					
SIDE KEELSON, Angles	6	4	16	6	4
" Bulb Plate above floors for FULL lng.	15	3	7	15	3
" Intercoastal Plate, for FULL length	3 1/2	3 1/2	10	3 1/2	3 1/2
" Attached to outside plating with Angle					10
BILGE KEELSON, Angles					
" Bulb Plate above floors for FULL lng.					
" Intercoastal Plate, for FULL length					
" Attached to outside plating with Angle					
BILGE STRINGER Angles	6	4	11	6	4
" Bulb Plate, for FULL length	3 1/2	3 1/2	9	3 1/2	3 1/2
" Intercoastal Plate, for FULL length	3 1/2	3 1/2	9	3 1/2	3 1/2
" Attached to outside plating with Angle					9
SIDE STRINGER Angles					
" Bulb Intercoastal Plate, for FULL lng.					
" Attached to outside plating with Angle					
Spar, or Awning Deck Stringer Plates,	56	12	56	12	
breadth and thickness					
" Angle on ditto	4	4	9	4	9
" Tie Plates, fore and aft, outside Hatchways					
" Diagonal Tie Plates, No. of pairs					
" Deck, * Iron or Steel, for FULL lng.					7
" Wood Deck, Material & thickness					
Main Deck Stringer Plate, breadth & thickness	56	6	10	56	10
" Angles on ditto, No. ONE					
" Tie Plates, outside Hatchways					
" Diagonal Tie Plates, No. of pairs					
" Deck, * Iron or Steel, for FULL lng.					8
" Wood Deck, Material & thickness					
Lower Deck Stringer Plates, breadth & thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck, * Material and thickness					
Hold, or Orlop Stringer Plate, breadth & thickness					
" Angles on ditto, No.					
" Tie Plates, outside Hatchways					
" Deck, * Material and thickness					
Poop Deck Stringer Plate, breadth & thickness	35	8	35	8	
" Angles on ditto	4	3	9	4	3
" Tie Plates	15		3 1/2	15	3 1/2
" Deck, Material and thickness					3 1/2
Bridge Deck Stringer Plate, breadth & thickness	42	8	42	8	
" Angle on ditto	4	3	9	4	3
" Tie Plates	15		3 1/2	15	3 1/2
" Deck, Material and thickness					3 1/2
Forecastle Deck Stringer Plate, breadth & thickness	35	8	35	8	
" Angle on ditto	4	3	9	4	3
" Tie Plates (Plated under Windward)	15		3 1/2	15	3 1/2
" Deck, Material and thickness					3 1/2

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

WEB FRAMES.	No. and spacing	breadth & thickness
" Forward of mainmast	10	10
" In Fore Body		
" " " "		
" No. of Side Stringers		
WEB FRAMES, In E. & B. Space, No. & spacing		
" " " "		
WEB FRAMES, In After Body, No. and spacing		
" " " "		
" No. of Side Stringers		
" Size of Angle or Tee Bars to Web Frames		
BRACKET PLATES to Stringers between		
Web Frames, depth and thickness		

BULKHEADS.	Number.	Thickness.	Horizontal.	Vertical.	Spacing.	Single or Double Frames.	Height up.
W. T. BULKHEADS	14	14	8-7	15	4	12	Single Span Masts.
PARTITION							
LONGITUDINAL	1	1	8-7	D	D	D	Dth. Head.

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



