

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

624
No. 624

Port of Portland, Ore. Date of completion of Report March 5, 1921 Received at London Office WED. 6 APR. 1921
Survey held at Portland, Oregon Date, First Survey July 24, 1920 Last Survey February 26, 1921.
On the (State if Single, Twin, or Triple Screw) Single Screw Oil Tank Steamer "SWIFTSTAR" Rig F. & A. Schr.

TONNAGE under 6016.22
Tonnage Deck 1763.20
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.

CLASS 100 A.1.

FEET.

Breadth (greatest moulded) 60.00

Master A. A. Sawyer

Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 36.25

Year of Appointment (1) As Master in service of owner of present vessel: 1921 (2) As Master of this vessel: 1921.

Deduct height of 'tween deck when this does not exceed 8ft. 7.00

Built at Portland, Oregon

Transverse Number 89.25

When built 1921 Launched Feb. 5 '21.

Length on deck from fore part of stem to after part of sternpost 465.58

By whom built Northwest Bridge & Iron Co.

Longitudinal Number 41553

Owners Swiftsure Oil Transport Co.

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

Managers

Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 12.84

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

" " " Upper Deck at side to top of keel 15.91

Residence

Port belonging to New York

Destined Voyage San Francisco

If Surveyed while Building, Afloat, or in Dry Dock Yes

GT on 465 7 BREADTH 60 0 DEPTH, ACTUAL 36 3 To Awning or Shelter Dk. Moulded depth, ft. 36 ins. 3 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 12 ins.
Length 464.45 breadth 60.2 depth 27.75 Upper Deck. Moulded depth, ft. 29 ins. 3 To Upper Dk.

FRAMING.						PILLARS.					
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
E. Angles, or C or L Bars, amidships	See 4th page of Rpt.					PILLARS, In 'tween Deck, size and spacing					
in peaks	Bulb Angles	8	3 1/2	19.6	8	3 1/2	19.6				
in way of Double Bottoms at Solid Floors		1/2	3/4	9.8	3/4	3/4	4.2				
" " at intermdt. Bkts.						" Hold					
of Frames from centre to centre amidships						" Quarter, 'tween Dks., "					
length to collision bulkhead						" in Hold					
of Frames from centre to centre in peaks											
USED FRAME, Angles, in Peaks	BA	24		24							
in way of Double bottoms at Solid Floors		3/4	3/4	9.8	3/4	3/4	9.8				
" " at intermdt. Bkts.											
NG. depth of girder											
S. 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											
depth at 1/2 the half-bdth. as per Rule											
height extended at the Bilges											
S. in Cell Double Bottoms	E&B Space	42		42							
state if flanged (top and bottom)											
spacing of Solid		2-3/4	3/4	4-1/2	2-3/4	3/4	4-1/2				
GIRDER, in Dbl bottom	depth & thickness	48		48							
" Angles, Top											
" " Bottom											
" Thickness to Floors											
Brackets at intermdt. frms, with & without	BS. 62ES. 46	BS. 62ES. 46									
RDERS, number and thickness	2 .42	2 .42									
state if flanged (top & bottom)											
Angles	3/4 3/4 11.1-9.8	3/4 3/4 11.8									
PLATE, depth (exclusive of flange) and thickness	33x.58	33x.58									
Angles to outside plating	4x4x14.3x12.8	4x4x14.3x12.8									
" to floors	6 6 17.2	6 6 17.2									
Brackets at intermdt. frms, with & without	3 1/2 3 1/2 9.8	3 1/2 3 1/2 9.8									
Height of Brackets above at bilge											
BOTTOM PLATING, breadth and thickness of Middle Line Strake	46x.58 to .54	46x.58 to .54									
" thickness in Engine and Boiler space											
" Remainder in Holds											
Awning or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel											
Angles on upper edge											
Spacing											
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											
Angles on upper edge											
Spacing											

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.		Inches per Rule, Or as Approved.		Inches in Ship.		Inches per Rule, Or as Approved.	
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
brdth. & thickness		2036"x.44		2036"x.44		C.S. Forefoot 11x2-7/8 11x2-7/8	
No. of Side Stringers				STEM, moulding and thickness			
brdth. & thickness				10x8 1/2 10x8 1/2		STERN-POST for Rudder do. do.	
WEB-FRAMES, In E. & B. Space, No. and spacing				for Propeller			
brdth. & thickness				11x8 1/2 11x8 1/2		RUDDER-A x D* Table 22. Speed knots	
WEB-FRAMES, In After Body, No. and spacing				Main-Piece, diameter at head			
brdth. & thickness				11 1/2 11 1/2		at heel	
No. of Side Stringers				9 9			
Size of Face Angles to Web-Frames				RUDDER, how constructed Single Plate with forged Steel			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				Thickness of Plates or Single Plate 1-1/8"			
				Arms.			
BULKHEADS.				Can the Rudder be unshipped afloat? Yes			
Number.		STIFFENERS.		Single or Double Frames.		Height up, state deck.	
Vessel. Per Rule.		Horizontal. Vertical.		Size. Spacing.		Size. Spacing.	
Inches. Inches.		Inches. Inches.		Inches. Inches.		Inches. Inches.	
W.T.BULKHEADS 8.42 to 30 8x19 5/8 to 5x3 3/4 27 Single Upper							
O.T.Do.Main .52 to 36 12x30 6 to 7x16 8 BA 30 Double Main							
				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, Plating, &c.?			
				United States Steel Corporation			
				Pacific Coast Steel Company			
COLLISION.. 80.48 to 30 8x20 8 BA to 5x3 3/4 30 Single Shelter							
PARTITION.. 0.152 to 36 15x33 1 to 7x15 4 BA 30 Double Upper							
LONGITUDINAL.. 0.152 to 36 15x33 1 to 7x15 4 BA 30 Double Upper							
Are the outside Plates doubled two spaces of Frames in length				Long Framing			
Are the Stairs, Watertight Doors in efficient working order? Yes				Plating.			
				RIVETING.			
STRAKES.				EDGES.			
AS IN SHIP.				Ordinary or Joggled?			
AMIDSHIP. FORWARD. AFT.				AMIDSHIP.			
Breadth. Thickness. Thickness. Thickness. Breadth. Thickness.				Single or Double. Breadth of Lap. Rivets.			
Inches. Inches. Inches. Inches. Inches. Inches.				Inches. Inches. Spacing or to or. Rivets.			
FLAT PLATE KEEL..... 49 1.06 .82 .74 49 1.06				Dble 6 1-1/8 4 21 1/2 60 in			
GARBOARD OF A Strake 82 .66 .66 .50 82 .66				AtoB 5 7/8 3-1/8 4 21 1/2 60 in			
State actual thickness in way of Double B. Iron. 84 .66 .66 .54 84 .66							
C " 75 .66 .66 .58 75 .66							
D " 76 .66 .66 .62 76 .66							
E " 85 .66 .48 .50 85 .66				Tr. 7-7/8 " " " " 22 48 " "			
F " 68 .66 .48 .50 68 .66							
G " 68 .66 .54 .50 68 .66							
H " 68 .66 .48 .46 68 .66				Dble 5 1/2 " " " " " " " "			
J " 55 .66 .48 .46 55 .66							
K " 69 .66 .48 .46 69 .66				6 1 3 1/2 " " " " " " " "			
L " 56 .78 .48 .46 56 .78				6 1-1/8 4 1 1/8 4 21 1/2 60 in			
Shelter Sheer M " 51 .92 .48 .46 51 .92				Tr. 1/2 L 1-1/8 4 21 1/2 60 in			
N " " " " " " " "							
O " " " " " " " "							
P " " " " " " " "							
Q " " " " " " " "							
R " " " " " " " "							
S " " " " " " " "							
T " " " " " " " "							
U " " " " " " " "							
V " " " " " " " "							
W " " " " " " " "							
THICKNESS OF SHEET PILE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW				No Bridge			
Dble. of Flat Plate Keel				Double Straps			
Sheerstrakes							
Length and thickness.							
POOP SIDES							
SHORT BRIDGE SIDES							
FORECASTLE SIDES							
Awning or Shelter Deck				Butts, 4 riveted for Half length amidship.			
Stringer Plate				Straps, single or overlapped for Whole length amidship.			
Upper Deck				Butts, 3 riveted for Whole length amidship.			
Stringer Plate				Straps, single or overlapped for Whole length amidship.			
FRAMES extend in one length from				Longitudinal Framing			
REVERSED FRAMES on floors and frames extend from				Centre Girder to Tank Margin			
				State if ordinary or joggled Ordinary			
				State if ordinary or joggled Ordinary			
MASTS, SPARS, &c.							
Material.		Total Length.		DIAMETER AND THICKNESS.		No. of Plates in round.	
At Partners.		Hd. Hoops. Hoops.		Number. Size.		RIVETING.	
Fore Steel 53'-0"		23 5/8 44 21 1/2 21 1/2		2		S.R. 2 1/2 T.R. Straps	
Main " 57'-0"						3/4"	
Mizen "							
Bowsprit							
Topmasts, Yards and Remains of spars				Fore & Main Wood 27'-0" above Steel Masts.			
Rigging, Material and Size, Shrouds				Stays.			
Sails.				Sails, and the following spare sails.			

EQUIPMENT No.		LETTER		ANCHORS.	
Number of Certificate.		Weight, Ex. Stock		Test, per Certificate.	
Anchors.		Cwts. qrs. lbs.		Tons. cwt. qrs. lbs.	
10911	1st Bower	88	2 18	62	15 0 0
10896	2nd "	87	3 2	62	5 0 0
9859	3rd "	73	2 18	55	10 0 0
10892	Stream	32	2 10	30	11 3/4
10915	Kedge Stock	14	0 2	12	8 3 0
Particulars of Drop Test of Cast Steel Anchors, viz.:-		1st Bower		88 Cwts. 2 Qrs. 18 lbs. W.M.N. 10911. 19:8:20.	
Weight, Surveyor's Initials, Number of Certificate, Date of Test.		2nd "		87 " 3 " 2 " W.M.N. 10896. 12:8:20.	
		3rd "		73 " 2 " 18 " W.M.N. 9859. 23:7:20.	
CHAIN CABLES.					
Number of Certificate.		Length and size supplied.		Test per Certificate.	
Length. Diam.		Fathoms. Ins.		Tons. Cwts. qrs. lbs.	
2484		300 2-7/8 10 9 1/2 140 1 22 890 1 4		300 2-7/8 Stud American 20 Frank Link Chain Co. Stabler	
Iron, Steam Chain or Steel Wire		120 5 75		120 5	
HAWERS AND WARPS.					
Number of Certificate.		Length and size supplied.		Test per Certificate.	
Length. Cir.		Fathoms. Ins.		Tons. Cwts. qrs. lbs.	
2484		130 5 105 130 5		200 8 200 8	
Boats 4 Lifeboats 24'-0" &					

PARTICULARS OF LONGITUDINAL FRAMING.

GEN.	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.	Number.	Diameter.
	Framing of L, L or C														
	Frames in Bridge 'tween Decks...														
	Frames from Uppermost Continuous Deck														
	B.A. No. 1	7	3 1/2	154	7	3 1/2	154	7	3 1/2	154	7	3 1/2	154	7/8	5 1/2
	" 2	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	" 3	7	3 1/2	168	7	3 1/2	168	7	3 1/2	168	7	3 1/2	168	"	"
	" 4	"	"	"	"	"	"	"	"	"	"	"	"	10	7/8
	" 5	10	3 3/8	217	8	3 1/2	216	10	3 3/8	217	8	3 1/2	216	"	"
	" 6	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	" 7	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	" 8	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	" 9	10	3 1/2	243	10	3 1/2	272	10	3 1/2	243	10	3 1/2	272	"	"
	" 10	"	"	"	"	"	"	"	"	"	"	"	"	"	"
	" 11	15	3 1/2	264	"	"	"	15	3 1/2	264	"	"	"	"	"
	" 12	15	3 1/2	32	"	"	"	15	3 1/2	32	"	"	"	"	"
	" 13	"	"	"	8	3 1/2	191	"	"	"	8	3 1/2	191	"	"
	14 to 16	18x42.5	15x.46	18x42.5	15x.46	18x42.5	15x.46	18x42.5	15x.46	18x42.5	15x.46	18x42.5	15x.46	"	"
	18 to 20														
	22 to 24														
	Spacing of Longitudinal Frames														
	Amidships	2'-6"		2'-6"		2'-6"		2'-6"		2'-6"		2'-6"			
	At Ends	27" Aft & 21" in Bottom at Coll. Bhd.													
	Double Bottoms														
	Tank Top Longitudinals	7	3 1/2	168	BA	under Boilers	AS	Approved							
	Bottom	8	3 1/2	191	BA	"	"	"							
	Spacing of Longitudinals														
	Amidships	T. Top under Boilers	30"	apart											
	At Ends														
	Transverses.														
	In Bridge					</									