

Awning or Shelter Deck, STEEL STEAMER.

or Awning Deck.

No. 4285

State if Report is also sent on the Machinery of the Vessel *Yes*
 Port of *Philadelphia* Date of completion of Report *December 7th 1921* Received at London Office *FRI 13 JAN 1922*
 Survey held at *Camden N.J.* Date, First Survey *January 3rd 1921* Last Survey *November 21st 1921*
 On the (State if Single, Twin, or Triple Screw) *S.S. DIXIE ARROW* (Yard No. *266*) Rig *Schooner*

TONNAGE under 7259.06
 Tonnage Deck... 545.18
 Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk.
 Total under Upper Dk. 7834.24
 Do. of Poop
 Do. of R. or Dk.
 Do. of Bridge House
 Do. of Forecastle
 Do. of Houses on Deck 198.91
 Do. of Access of Hatchways 13.12
 Do. above Crown of Engine Room...
 Gross Tonnage 8046.27
 Less Crew Space 360.09
 Less above Crown of Engine Room...
 TONNAGE FOR FEES... 8046.27
 Less Engine Room 2574.80
 Less Navigation Spaces 150.52
 Register Tonnage 4960
 as cut on Beam...

CLASS *100A1 Shelter Dk with 7' 6" Longitudinal Framing*
 Breadth (greatest moulded) 62.6
 Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 39.6
 Deduct height of 'tween deck when this does not exceed 8ft. 7.5
 Transverse Number 94.5
 Length on deck from fore part of stem to after part of sternpost 468.5
 Longitudinal Number 4427.3
 Depth "d" at middle of length. See Secs. 2 & 13... 20.0
 Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 11.86
 " " " Upper Deck at side to top of keel ...
 Destined Voyage *✓*

Master
 Year of Appointment (1) As Master in service of owner of present vessel: 191... (2) As Master of this vessel: 191...
 Built at *Camden N.J.*
 When built 1921. Launched 29th Sep 1921
 By whom built *New York S.B. Corp*
 Owners *Standard Transportation Co*
 Managers
 (Where necessary to be entered in Reg. Book.)
 Residence *New York*
 Port belonging to *New York*
 If Surveyed while Building, Afloat, or in Dry Dock *Yes*

FT. on Rule	FT.	INS.	BREADTH	FT.	INS.	DEPTH, ACTUAL	FT.	INS.	No. of Decks with flat laid	No. of Tiers of Beams
468	6	6	62	6	6	39	5	5	5	5
Moulded depth, ft. 39 ins. 5 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual ... 42 ins.										
Length 468.5 breadth 62.7 depth 39.6 Upper Deck. Moulded depth, ft. 32 ins. 0 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.
Longitudinal Framing						PILLARS, In 'tween Deck, size and spacing				
Angles, or \square or \angle Bars, amidships ...						Built up pillars & girders as per app'd plan				
Peaks ...						Hold				
Way of Double Bottoms at Solid Floors ...						Quarter, 'tween Dks., "				
" " at intermdt. Bkts.						in Hold				
Frames from centre to centre amidships						KEELSONS AND STRINGERS.				
length to collision bulkhead ...						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate				
Frames from centre to centre in peaks ...						Rider Plate				
SEMI-FLAT FRAME, Angles ...						Flat Keel Plate Angles				
Way of Double bottoms at Solid Floors ...						Horizontal Plates on Floors				
" " at intermdt. Bkts.						Angles or Bulb Angles				
NG, depth of girder ...						SIDE KEELSONS, Number				
S, depth and thickness of Floor Plate at mid-line for $\frac{3}{4}$ length amidships ...						Angles or Bulb Angles				
in way of Engine and Boiler spaces ...						Plate above floors, for length				
thickness at the ends of vessel ...						Intercoastal Plate, for length				
depth at $\frac{3}{4}$ the half-bdth. as per Rule ...						Attached to outside plating with Angle ...				
height extended at the Bilges ...						BILGE KEELSON, Angles				
S, in Cell Double Bottoms ...						Intercoastal Plate, for length				
state if flanged (top and bottom) ...						Attached to outside plating with Angle ...				
spacing of Solid ...						SIDE STRINGERS, Number				
E GIRDER, in Dbl. bottom, dpth. & thknss						Angle				
Angles, Top ...						Intercoastal Plate, for lng.				
Bottom ...						Attached to outside plating with Angle ...				
to Floors ...						Awning or Shelter Deck Stringer Plates, breadth and thickness				
Brackets at intermdt. frmg., wdth & thknss						Angle on ditto				
GIRDERS, number and thickness ...						Tie Plates, fore and aft, outside Hatchways				
state if flanged (top & bottom)						Deck * Iron or Steel, for full lng.				
Angles ...						Wood Deck. Material & thickness				
N PLATE, depth (exclusive of flange) and thickness						Upper Deck Stringer Plate, breadth and thickness				
Angles to outside plating ...						Angles on ditto, No.				
to floors						Tie Plates, outside Hatchways				
Brackets at intermdt. frmg., wdth & thknss						Deck * Iron or Steel, for full lng.				
Height of Brackets above at bilge						Wood Deck. Material & thickness				
BOTTOM PLATING, breadth and thickness of Middle Line Strake						Second Deck Stringer Plates, br'dth & thkn's				
thickness in Engine and Boiler space						Angles on ditto, No.				
Remainder in Holds						Tie Plates, outside Hatchways				
Awng or Shltr Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						Deck * Material and thickness				
acing						Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness				
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						Angles on ditto, No.				
acing						Tie Plates, outside Hatchways				
Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						Deck. Material and thickness				
gles on upper edge						Poop Deck Stringer Plate, breadth & thickness				
acing						Angles on ditto				
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Tie Plates				
Angles on upper edge						Deck. Material and thickness				
Spacing						Bridge Deck Stringer Plate, br'dth & thickness				
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Angle on ditto				
Angles on upper edge						Tie Plates				
Spacing						Deck. Material and thickness				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Forecastle Deck Stringer Plate, br'dth & th'kns				
Angles on upper edge						Angle on ditto				
Spacing						Tie Plates				
						Deck. Material and thickness				

Form No. 12. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. STIFFENERS. COLLISION PARTITION. LONGITUDINAL. PLATING. RIVETING. Lower Masts. Topmasts. Rigging. Sails.

EQUIPMENT No. 47090 LETTER d. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Correspondence. Workmanship. General Remarks. Fees. Committee's Minute.

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. Diam. Spacing.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.				
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.						
Framing of L or E																			
Frames in Bridge 'tween Decks ...																			
Frames from Uppermost Continuous Deck No. 1		7	3 1/2	18.3	F 7	3 1/2	16.1	7	3 1/2	18.3	7	3 1/2	16.1	7/8	5 1/2	5 1/2" Throughout	8	7/8	
" 2		7	3 1/2	18.3	A 7	3 1/2	16.1	7	3 1/2	18.3	7	3 1/2	16.1	7/8	5 1/2	"	8	7/8	
" 3		7	3 1/2	16.1	7	3 1/2	16.1	7	3 1/2	16.1	7	3 1/2	16.1	7/8	5 1/2	"	8	7/8	
" 4		7	3 1/2	16.1	7	3 1/2	16.1	7	3 1/2	16.1	7	3 1/2	16.1	7/8	5 1/2	"	8	7/8	
" 5		8	3 1/2	19.3	A 8	3 1/2	18.3	8	3 1/2	19.3	8	3 1/2	18.3	7/8	5 1/2	"	9	7/8	
" 6		9	3 1/2	21.8	A 9	3 1/2	21.8	9	3 1/2	21.8	9	3 1/2	21.8	7/8	5 1/2	"	9	7/8	
" 7		9	3 1/2	21.8	9	3 1/2	21.8	9	3 1/2	21.8	9	3 1/2	21.8	7/8	5 1/2	" for 9 Rivets	10	7/8	
" 8		10	3 1/2	26.6	A 10	3 1/2	26.6	10	3 1/2	26.6	10	3 1/2	26.6	7/8	5 1/2	"	10	7/8	
" 9		10	3 1/2	26.6	A 10	3 1/2	26.6	10	3 1/2	26.6	10	3 1/2	26.6	7/8	5 1/2	"	11	7/8	
" 10		10	3 1/2	27.2	A 10	3 1/2	27.2	10	3 1/2	27.2	10	3 1/2	27.2	7/8	5 1/2	"	11	7/8	
" 11		10	3 1/2	27.2	10	3 1/2	27.2	10	3 1/2	27.2	10	3 1/2	27.2	7/8	5 1/2	"	11	7/8	
" 12		12	3 1/2	35	A 12	3 1/2	35	12	3 1/2	35	12	3 1/2	35	7/8	5 1/2	"	15	7/8	
" 13		13	3 1/2	41.7	A 13	3 1/2	41.7	13	3 1/2	41.7	13	3 1/2	41.7	7/8	5 1/2	"	16	7/8	
" 14		14	3 1/2	49.8	A 14	3 1/2	49.8	14	3 1/2	49.8	14	3 1/2	49.8	7/8	5 1/2	"	16	7/8	
" 15		15	3 1/2	59.8	A 15	3 1/2	59.8	15	3 1/2	59.8	15	3 1/2	59.8	7/8	5 1/2	"	14	7/8	
" 16		16	3 1/2	71.8	A 16	3 1/2	71.8	16	3 1/2	71.8	16	3 1/2	71.8	7/8	5 1/2	"	14	7/8	
Spacing of Longitudinal Frames		Amidships 30 to 26 1/2			At Ends 24 to 18														
Double Bottoms L, L or C		Tank Top Longitudinals		7 3 1/2 20		7 3 1/2 20		7 3 1/2 20		7 3 1/2 20		7 3 1/2 20		7 3 1/2 20		7 3 1/2 20		7 3 1/2 20	
Bottom		7 3 1/2 18.3		7 3 1/2 18.3		7 3 1/2 18.3		7 3 1/2 18.3		7 3 1/2 18.3		7 3 1/2 18.3		7 3 1/2 18.3		7 3 1/2 18.3		7 3 1/2 18.3	
Spacing of Longitudinals		Amidships 30		At Ends 20		30		20		30		20		30		20		30	
Transverses.																			
In Bridge		Depth and Thickness		15 16.3		15 16.3		15 16.3		15 16.3		15 16.3		15 16.3		15 16.3		15 16.3	
Face Angles		6 3 1/2 11.7		6 3 1/2 11.7		6 3 1/2 11.7		6 3 1/2 11.7		6 3 1/2 11.7		6 3 1/2 11.7		6 3 1/2 11.7		6 3 1/2 11.7		6 3 1/2 11.7	
Lugs to Shell		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8	
In Awnings, Shelter or Upper 'tween Decks.		Depth and Thickness		18 16.3		18 16.3		18 16.3		18 16.3		18 16.3		18 16.3		18 16.3		18 16.3	
Face Angles		5 3 1/2 12		5 3 1/2 12		5 3 1/2 12		5 3 1/2 12		5 3 1/2 12		5 3 1/2 12		5 3 1/2 12		5 3 1/2 12		5 3 1/2 12	
Lugs to Shell		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8		5 1/2 3 1/2 9.8	
In Hold.		Depth and Thickness		34 19.6		34 19.6		34 19.6		34 19.6		34 19.6		34 19.6		34 19.6		34 19.6	
Face Angles		6 3 1/2 20.6		6 3 1/2 20.6		6 3 1/2 20.6		6 3 1/2 20.6		6 3 1/2 20.6		6 3 1/2 20.6		6 3 1/2 20.6		6 3 1/2 20.6		6 3 1/2 20.6	
Lugs to Shell		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8	
Brackets		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8		3 1/2 3 1/2 9.8	
Spacing of Transverse Frames		Joggled Red.																	
Longitudinal Beams of L or E		Bridge Deck		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5	
Upper		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5	
Second		8 3 1/2 19.3		8 3 1/2 19.3		8 3 1/2 19.3		8 3 1/2 19.3		8 3 1/2 19.3		8 3 1/2 19.3		8 3 1/2 19.3		8 3 1/2 19.3		8 3 1/2 19.3	
Third		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5		7 3 17.5	

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.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ft., R.Q.D. ft., Bridge ft., Forecastle ft.

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. Dixie (Sic) Shelter Dk (Sic) of wood sheathed for 12 to 8, 4-3 Oregon Pine

Official No. 221735; Signal Letters MDHC State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside Bitumastic Paint, Pt. Cam Outside 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,	19	158.7	Fore peak tank,	25.6	229.4
Double bottom, under Engines and Boilers,			After peak tank,	27.4	131.0
Double bottom, if under Engines only, <u>for 45-51</u>	36	152.2	Deep tank, aft, <u>F.W. Tanks aft for 49-50</u>		99.9
Double bottom, if under Boilers only, <u>for 42-45</u>	20	125.5	Deep tank, forward,		
Double bottom, forward, <u>for 3-8</u>	40	645.8	Other tanks, if fitted,		
Total capacity of double bottom	1080.2		(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. 439

Date Aug. 24 1920

No. 266 in builder's yard.

DATES OF SURVEYS held while building

Jan. 31st Feb. 9. 14. 24. Mar. 2. 8. 17. 28. Apr. 6. 13. 19. 21. 27. May 3. 12. 16

May 20. 26. June 6. 10. 15. 30. July 7. 20. 25. 28. Aug. 1. 9. 10. 11. 12. 16. 18

Aug. 19. 22. 23. 25. 26. 29. 30. 31. Sept. 8. Oct. 3. 5. 11. 14. 18. 25. 27

Nov. 3. 7. 10. 15. 21

Total No. of Visits 54

Surveyor's Signature

W. Booth

Lloyd's Register Foundation