

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 19673

Port of New York Date of completion of Report 28 Decr 1920 Received at London Office 10E. 18 JAN. 1921
 Survey held at Groton Conn. U.S.A. Date, First Survey 5 August 1919 Last Survey 8 December 1920
 On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "HOPATCONG" Rig 2 masts no sails

TONNAGE under
 Tonnage Deck...
 Do. between Tonnage Dk. and
 3rd, 4th, or Awning Dk.
Total under Upper Dk. 8702
 Do. of Poop...
 Do. of R. Qr. Dk.
 No. of Bridge House...
 Do. of Forecastle...
 Do. of Houses on Deck...
 Do. of Access of Hatchways...
 Do. above Crown of
 Engine Room...
Gross Tonnage 6216
 Less Crew Space...
 Less above Crown of
 Engine Room...
TONNAGE FOR FEES...
 Less Engine Room...
 Less Navigation Spaces...

CLASS 100 A1- Shelter Dk with
Breadth (greatest moulded) 53.0
Depth, at middle of length from top of keel to top of
 beams at side of uppermost Continuous Deck 34.6
Deduct height of 'tween deck when this does not exceed 8ft. 26.6
Transverse Number 87.5
Length on deck from fore part of stem to after part of
 sternpost 402.6
Longitudinal Number 31999
Depth "d" at middle of length. See Secs. 2 & 13...
Proportions, Depths to Length, Uppermost Continuous
 Deck at side to top of keel...
 " " " Upper Deck at side
 to top of keel...

Master...
Year of Appointment...
Built at Groton Conn. U.S.A.
When built 1919-20 Launched...
By whom built Groton Iron Works
Owners United States Shipping Board
Managers Emergency Fleet Corporation
 (Where necessary to be entered in the Book.)
Residence Philadelphia
Port belonging to Groton Conn. U.S.A.

Register Tonnage 3805 **Destined Voyage**... **If Surveyed while Building, Afloat, or in Dry Dock** Building

LENGTH on	Ft.	Ins.	BREADTH —	Ft.	Ins.	DEPTH, ACTUAL—	Top of Floors to top of Awn. or Shelter Dk. Beams	Ft.	Ins.	No. of Decks with flat laid
Deck as per Rule	<u>402</u>	<u>6</u>	Moulded..	<u>53</u>	<u>0</u>	Do.	do. Upper Deck Beams	<u>30</u>	<u>11</u>	<u>2</u>

Dimensions of Ship per Register, 33.70 Awn. or Shelter Dk. Moulded depth, ft. 34 ins. 6 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 13 1/4 ins.
 Length 402.66 breadth 53.00 depth. Upper Deck. Moulded depth, ft. 26 ins. 6 To Upper Dk.

FRAMING.				PILLARS.			
FRAME, Angles, or Bars, amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	<u>6</u>	<u>3 1/2</u>	<u>36</u>	" " Hold	<u>wide spread</u>	<u>fillers</u>	<u>as</u>
Do. in way of Double Bottoms at Solid Floors	<u>3 1/2</u>	<u>3 1/2</u>	<u>40</u>	" " Quarter, 'tween Dks.,	<u>her approved</u>	<u>plans.</u>	<u>as</u>
" " at intermdt. Bkts.	<u>Longitudinal</u>			" " in Hold			
acing of Frames from centre to centre amidships	<u>24</u>	<u>24</u>		KEELSONS AND STRINGERS.			
" length to collision bulkhead	<u>3</u>	<u>3 1/2</u>	<u>36</u>	CENTRE LINE KEELSON, Vertical Plate above			
" of Frames from centre to centre in peaks	<u>3</u>	<u>3 1/2</u>	<u>36</u>	floors, Through Plate, or Intercoastal Plate			
EVERSED FRAME, Angles in peaks	<u>43</u>	<u>44</u>	<u>43</u>	Rider Plate			
Do. in way of Double bottoms at Solid Floors	<u>66</u>	<u>60</u>	<u>66</u>	" Flat Keel Plate Angles			
" " at intermdt. Bkts.	<u>Longitudinal</u>			" Horizontal Plates on Floors			
AMING, depth of girder	<u>43</u>	<u>50</u>	<u>43</u>	" Angles or Bulb Angles			
LOOKS, depth and thickness of Floor Plate	<u>3 1/2</u>	<u>3 1/2</u>	<u>50</u>	SIDE KEELSONS, Number			
at mid-line for 1/2 length amidships	<u>5</u>	<u>5</u>	<u>58</u>	" Angles or Bulb Angles			
" in way of Engine and Boiler spaces	<u>6</u>	<u>6</u>	<u>44</u>	" Plate above floors, for length			
" thickness at the ends of vessel	<u>43</u>	<u>50</u>	<u>43</u>	" Intercoastal Plate, for length			
" depth at 1/2 the half-bdth. as per Rule	<u>43</u>	<u>50</u>	<u>43</u>	" Attached to outside plating with Angle			
" height extended at the Bilges	<u>3 1/2</u>	<u>3 1/2</u>	<u>50</u>	BILGE KEELSON, Angles			
LOOKS, in Cell Double Bottoms	<u>5</u>	<u>5</u>	<u>58</u>	" Intercoastal Plate, for length			
" state if flanged (top and bottom)	<u>6</u>	<u>6</u>	<u>44</u>	" Attached to outside plating with Angle			
" spacing of Solid	<u>43</u>	<u>50</u>	<u>43</u>	SIDE STRINGERS, Number			
ENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	<u>3 1/2</u>	<u>3 1/2</u>	<u>50</u>	" Angle			
" Angles, Top	<u>5</u>	<u>5</u>	<u>58</u>	" Intercoastal Plate, for lng.			
" Bottom	<u>6</u>	<u>6</u>	<u>44</u>	" Attached to outside plating with Angle			
" to Floors	<u>one</u>	<u>40</u>	<u>one</u>	Awning or Shelter Deck Stringer Plates,	<u>56</u>	<u>56</u>	<u>56</u>
" Brackets at intermdt. frmg., wdth & thcknss	<u>3 1/2</u>	<u>3 1/2</u>	<u>40</u>	breadth and thickness	<u>5x5</u>	<u>5x5</u>	<u>5x5</u>
SIDE GIRDERS, number and thickness	<u>3 1/2</u>	<u>3 1/2</u>	<u>40</u>	" Angle on ditto	<u>52</u>	<u>34</u>	<u>52</u>
" state if flanged (top & bottom)	<u>4</u>	<u>4</u>	<u>48</u>	" Tie Plates, fore and aft, outside Hatchways	<u>52</u>	<u>34</u>	<u>52</u>
" Angles	<u>8</u>	<u>3 1/2</u>	<u>44</u>	" Deck * <u>Iron</u> Steel, for <u>whole</u> lng.	<u>60</u>	<u>34</u>	<u>60</u>
MARGIN PLATE, depth (exclusive of flange)	<u>43</u>	<u>50</u>	<u>43</u>	" Wood Deck. Material & thickness	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>
" and thickness	<u>4</u>	<u>4</u>	<u>48</u>	Upper Deck Stringer Plate, breadth and	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>
" Angles to outside plating	<u>43</u>	<u>50</u>	<u>43</u>	thickness	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>
" to floors	<u>4</u>	<u>4</u>	<u>48</u>	" Angles on ditto, No.	<u>34</u>	<u>34</u>	<u>34</u>
" Brackets at intermdt. frmg., wdth & thcknss	<u>43</u>	<u>50</u>	<u>43</u>	" Tie Plates, outside Hatchways	<u>34</u>	<u>34</u>	<u>34</u>
" Height of Brackets above at bilge	<u>43</u>	<u>50</u>	<u>43</u>	" Deck * <u>Iron</u> Steel, for <u>whole</u> lng.	<u>30</u>	<u>30</u>	<u>30</u>
INNER BOTTOM PLATING, breadth and	<u>43</u>	<u>50</u>	<u>43</u>	" Wood Deck. Material & thickness	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>
thickness of Middle Line Strake	<u>40</u>	<u>36</u>	<u>40</u>	Second Deck Stringer Plates, br'dth & thckn's	<u>3 1/2</u>	<u>3 1/2</u>	<u>3 1/2</u>
" thickness in Engine and Boiler space	<u>43</u>	<u>50</u>	<u>43</u>	" Angles on ditto, No.	<u>34</u>	<u>34</u>	<u>34</u>
" Remainder in Holds	<u>43</u>	<u>50</u>	<u>43</u>	" Tie Plates, outside Hatchways	<u>34</u>	<u>34</u>	<u>34</u>
BEAMS, Awng or Shltr Dk, Single Angle,	<u>43</u>	<u>50</u>	<u>43</u>	" Deck * Material and thickness	<u>34</u>	<u>34</u>	<u>34</u>
Bulb Angle, Plate, Tee Bulb or Channel	<u>43</u>	<u>50</u>	<u>43</u>	Third, Fourth & Fifth Deck Stringer Plate,	<u>34</u>	<u>34</u>	<u>34</u>
Spacing	<u>43</u>	<u>50</u>	<u>43</u>	breadth and thickness	<u>34</u>	<u>34</u>	<u>34</u>
BEAMS, Upper Deck, Single Angle, Bulb Angle,	<u>43</u>	<u>50</u>	<u>43</u>	" Angles on ditto, No.	<u>34</u>	<u>34</u>	<u>34</u>
Plate, Tee Bulb or Channel	<u>43</u>	<u>50</u>	<u>43</u>	" Tie Plates, outside Hatchways	<u>34</u>	<u>34</u>	<u>34</u>
Spacing	<u>43</u>	<u>50</u>	<u>43</u>	" Deck. Material and thickness	<u>34</u>	<u>34</u>	<u>34</u>
BEAMS, Second, Third & Fourth Deck, Single	<u>43</u>	<u>50</u>	<u>43</u>	Poop Deck Stringer Plate, breadth & thickness	<u>34</u>	<u>34</u>	<u>34</u>
Angle, Bulb Angle, Plate, Tee Bulb or Channel	<u>43</u>	<u>50</u>	<u>43</u>	" Angles on ditto	<u>34</u>	<u>34</u>	<u>34</u>
Angles on upper edge	<u>43</u>	<u>50</u>	<u>43</u>	" Tie Plates	<u>34</u>	<u>34</u>	<u>34</u>
Spacing	<u>43</u>	<u>50</u>	<u>43</u>	" Deck. Material and thickness	<u>34</u>	<u>34</u>	<u>34</u>
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,	<u>43</u>	<u>50</u>	<u>43</u>	Bridge Deck Stringer Plate, br'dth & thickness	<u>34</u>	<u>34</u>	<u>34</u>
Tee Bulb or Channel	<u>43</u>	<u>50</u>	<u>43</u>	" Angles on ditto	<u>34</u>	<u>34</u>	<u>34</u>
Angles on upper edge	<u>43</u>	<u>50</u>	<u>43</u>	" Tie Plates	<u>34</u>	<u>34</u>	<u>34</u>
Spacing	<u>43</u>	<u>50</u>	<u>43</u>	" Deck. Material and thickness	<u>34</u>	<u>34</u>	<u>34</u>
BEAMS, Forecastle Deck, Angle, Bulb Angle,	<u>43</u>	<u>50</u>	<u>43</u>	Forecastle Deck Stringer Plate, br'dth & th'kns	<u>34</u>	<u>34</u>	<u>34</u>
Plate, Tee Bulb or Channel	<u>43</u>	<u>50</u>	<u>43</u>	" Angles on ditto	<u>34</u>	<u>34</u>	<u>34</u>
Angles on upper edge	<u>43</u>	<u>50</u>	<u>43</u>	" Tie Plates	<u>34</u>	<u>34</u>	<u>34</u>
Spacing	<u>43</u>	<u>50</u>	<u>43</u>	" Deck. Material and thickness	<u>34</u>	<u>34</u>	<u>34</u>

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

Register
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[illegible]

FRAMES extend in one length from Longitudinal Tramming State if ordinary or joggled Ordinary
 REVERSED FRAMES on floors and frames extend from " " State if ordinary or joggled Ordinary

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)
 7/10/18. 7/22/18. 7/31/19. 7/10/19. 7/16/19. 7/16/19. 11/18/19. 7/25/19. 11/21/20.

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

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? *a few.*

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

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

State results of tests *Satisfactory*

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

State results of tests *Satisfactory*

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

This vessel has been constructed in accordance with the
Letters of the above ^{approved} plates and in other respects
in accordance with the approved plans.
The workmanship & material are good
Electric lights have been fitted throughout.
The inner bottom and fore & after peak fitted to carry
fuel oil at a flash point ^{above} 150° F. Section 49 of the rules
has been complied with. P. & H. 1 P. & H.

State whether the Vessel has been built under Special Survey *Yes*
I am of opinion this Vessel should be Classed *(+100 A1 Hells, deck)*
With, or without Freeboard, as condition of Class *Yes. (with freeboard)*
Amos C. Knudsen
Surveyor to Lloyd's Register of Shipping.

Committee's Minute New York JAN - 4 1921

Character assigned
note. CP
Eggs to P. Z
Lod. frame
Eggs to
W.D. Bls.

+ 100.4
Shell. Dr. w/ft
Lm.C. 12.20 Subject
Filled for oil fuel 12.20
Sp. at 150° F

See ltr to New York
1/2/21

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Lloyd's Reg
Foundation

PARTICULARS OF LONGITUDINAL FRAMING.

Hopatcong

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.	Inches.	Number.	Diameter.	
Framing of Δ , Λ or \square																		
Frames in Bridge 'tween Decks ...																		
Frames from Uppermost Continuous Deck																		
		No. 1			6 35 35			6 35 35			6 35 35			7/8 5/4			5 3/4	
		2			6 35 35			6 35 35			6 35 35			7/8 "			5 3/4	
		3			6 35 35			6 35 35			6 35 35			7/8 "			6 3/4	
		4			7 30 34			7 30 34			7 30 34			7/8 5/4			7/8	
		5			7 40 35			7 40 35			7 40 35			" "			7/8	
		6			7 45 35			7 45 35			7 45 35			" "			7/8	
		7			10 375 x 3 375			10 375 3 375			10 375 3 375			" 5/4			7/8	
		8			10 375 3 375			10 375 3 375			10 375 3 375			" "			7/8	
		9			10 375 3 375			10 375 3 375			10 375 3 375			" "			7/8	
		10			10 375 3 375			10 375 3 375			10 375 3 375			7/8 4/8			7/8	
		11			10 45 35			10 45 35			10 45 35			" 4/8			7/8	
		12																
		13																
		14																
		15																
		16																
Spacing of Longitudinal Frames		Amidships			2' 4" to 2' 8"			2' 4" to 2' 8"			2' 4" to 2' 8"							
		At Ends			1' 9"			1' 9"			1' 9"							
Double Bottoms		Tank Top Longitudinals			7 30 34			7 30 34			7 30 34			7/8 5/4			4 3/8 for 4 Rivets	
		Bottom			7 40 35			7 40 35			7 40 35			7/8 5/4			3 1/2 for 4 Rivets	
Spacing of Longitudinals		Amidships			2' 6"			2' 6"			2' 6"							
		At Ends			2' 6"			2' 6"			2' 6"							
Transverses.																		
In Bridge		Depth and Thickness			15 x .38			15 x .38			15 x .38			15 x .38				
'tween Decks		Face Angles			6 3/2 38			6 3/2 38			6 3/2 38			6 3/2 38				
		Lugs to Shell			3 1/2 3/2 38			3 1/2 3/2 38			3 1/2 3/2 38			3 1/2 3/2 38			7/8 5	
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness			31 x .50			31 x .50			31 x .50			31 x .50				
		Face Angles			6 4 80			6 4 80			6 4 80			6 4 80				
		Lugs to Shell			6 6.46			6 6.46			6 6.46			6 6.46			7/8 5	
In Hold.		Brackets			.50			.50			.50			.50				
Spacing of Transverse Frames		10' 0"			10' 0" to 11' 0"			10' 0"			10' 0" to 11' 0"							
		* State if joggled or liners.																
Longitudinal Beams of Δ , Λ or \square		Bridge Deck ...			6 35 35			6 35 35			6 35 35			2' 9" to 3' 1" 3/8			Transverse Beams.	
		Awg. or Shltr. Dk.			6 35 35			6 35 35			6 35 35			2' 9" to 3' 1" 3/8			13 x 38 6 x 47 1/2	
		Upper															13 x 40 6 x 48	
		Second															13 x 40 6 x 48	
		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.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 48 ft., R.Q.D. ✓ ft., Bridge ✓ ft., Forecastle 37 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 it should appear in the Register Book) 2 Decks of Steel
 Official No. 220804; Signal Letters M.B.V.9. State if Machinery is fitted aft no.
 How are the surfaces preserved from oxidation? Inside Bitumastic Cement 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,	127-7"	439.39	Fore peak tank,	20' 4"	72.74
Double bottom, under Engines and Boilers,	55' 0"	256.60	After peak tank,	8' 0" to 15' 0"	51.02
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,	20' 0"	583.4
Double bottom, forward,	161-6"	582.38	Other tanks, if fitted,		
Total capacity of double bottom		1272.37	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks. 044 State whether the above have been tested as required by the Rules. Yes.

Order for Special Survey No. _____
 Date _____
 No. 9 in builder's yard.
 DATES of Surveys held while building
 1919 Aug 1-26 Sep 3-9-16-23-30 Oct 6-15-21-22-29 Nov 6-13-21-26 Dec 4-17-24-31 1920 Jan 7-14-20-28 Feb 10-24 Mar 2-3-9-17-24 Apr 6-13-20-28 May 7-13-18-27 Jun 11-25-30 July 21-28 Aug 4-11-19-25 Sep 8-15-22-29
 9-18-27 Dec 8
 Surveyor's Signature *Am Corbin*
 Total No. of Visits 53
 Lloyd's Register Foundation