

With or Without

# STEEL STEAMER.

Received at London Office

TUE. 30 MAY. 1916

## Disconnected Erections.

State if Report is also sent on the Machinery of the Vessel

Date of completion of report  
Survey held at

15 May 1916  
Camden N.Y.

Date, First Survey

Port of

PHILADELPHIA

Last Survey

No. 2389

1916

On the (State if Single, Twin, or Triple Screw)

Steel single screw steamer

BRISTOL (Yankee 169) Rig Schooner (No sails)

TONNAGE under

3555.97

CLASS 100 A.

FEET.

Master

Walter M. Hart

Year of appointment

(1) As Master in service of owner of present vessel: 1916  
(2) As Master of this vessel: 1916

Built at

Camden N.Y.

When built

1916

Launched 15 Jan 1916

By whom built

W. J. K. B. B.

Owners

Coastwise Transportation Co.

Managers

(Where necessary to be entered in Reg. Book)

Residence

Boston

Port belonging to

Boston

If Surveyed while Building/Afloat, or in Dry Dock

Yes

Under Upper Dk. 3555.97  
193.78  
125.02  
68.44  
59.45  
110.16  
22.97  
43.33  
4198.14  
223.49  
3971.65  
1249.71  
124.61  
184.63  
2411.78

Breadth (greatest moulded) 49.0  
Depth, at middle of length from top of keel to top of upper deck beams at side 30.0  
Transverse Number 79.0  
Length on deck from fore part of stem to after part of stern post 360.0  
Longitudinal Number 28440  
Depth "d," at middle of length (See Secs. 2 & 13) 25.0  
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 12.0  
Long Bridge Deck Beam at side to top of keel

Destined Voyage

FRAMING. Breadth 49.0 Depth 25.0  
Moulded depth, ft. 30 ins. To Bridge Dk. Round of Upper Dk. Beam, Actual 12 ins.  
To Upper Dk.

FRAMING.	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	PILLARS.	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved
Bars amidships	12	3.44	30.2	PILLARS, In 'tween Deck, size and spacing			
Angles, or C or E	6	3.2	11.7	" Hold			
in peaks	3.2	3.2	9.8	" Quarter 'tween Dks.,			
in way of Double Bottoms at Solid Floors	6	3.2	13.5	" in Hold			
at intermdt. Bkts.	26		26				
of Frames from centre to centre amidships	26		26				
length to Collision bulkhead	21		21				
in peaks	3.2	3	7.9				
in way of Double Bottoms at Solid Floors	3.2	3	9.1				
at intermdt. Bkts.	7	3.35	16.5				
depth of girder	12		12				
depth and thickness of Floor Plate							
at mid-line for length amidships							
in way of Engine and Boiler Spaces							
thickness at the ends of vessel							
depth at 1/2 the half breadth, as per Rule							
height extended at the Bilges	60		17				
in Cell. Double Bottoms	60		17				
state if flanged (top & bottom)	78		78				
Spacing of Solid floors	60		18				
in Dbl. bottom, dpth. & thcknss.	3.2	3.2	11.1				
Angles, Top	44	15.7	44				
Bottom	3.2	3.2	8.5				
to Floors	27		17				
Brackets at intermdt. frmg., wdth & thcknss	Four		17				
GIRDERS, number on each side & thickness	40		21				
state if flanged (top and bottom)	3.2	3.2	9.8				
Angles (top and bottom)	3	3	8.3				
to Floors	Level		18				
GIN PLATE, depth (exclusive of flange) and thickness	3.2	3.2	11.1				
Angle to Outside Plating							
Floors							
Brackets at intermdt. frmg., wdth & thcknss	39		39				
Height of Outside Brackets above at bilge	Two 57		25				
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	85.25		55				
in Engine and Boiler space			25				
Remainder in Holds	10	3.375	24.8				
MS, Upper Deck, Single Angle, Bulb							
Angle, Plate, Tee Bulb, or Channel							
In way of Long Bridge	52		52				
Spacing							
MS, Second Deck, Single Angle, Bulb							
Angle, Plate, Tee Bulb, or Channel							
Spacing							
MS, Third and Fourth Deck, Single Angle, Bulb							
Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing	6	3.2	15				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3.2	186				
Angles on upper edge	26		26				
Spacing	6	3.2	15				
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							

PILLARS.	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved
PILLARS, In 'tween Deck, size and spacing			
" Hold			
" Quarter 'tween Dks.,			
" in Hold			
KEELSONS & STRINGERS.			
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
Rider Plate			
Flat Plate Keel Angles			
Horizontal Plates on Floors			
Angles or Bulb Angles			
SIDE KEELSONS, Number			
Angles or Bulb Angles			
Plate above floors, for length			
Intercoastal Plate, for length			
Attached to outside Plating with Angle			
BILGE KEELSON, Angles			
Intercoastal Plate for length			
Attached to outside Plating with Angle			
SIDE STRINGERS, Number			
Angle Channel	7	3.2	16.5
Intercoastal Plate, for full length	3.2	3.2	17
Attached to outside plating with Angle			
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	55	27	55
br'dth & thickness (in way of Bridge)	6x6	26.5	6x6
Angle (clear of Bridge)			
Tie Plate at sides of Hatchways			
Deck, Iron or Steel, for full lng.			
Thickness (clear of Bridge)			
(in way of Bridge)			
Wood Deck. Material & thickness			
Second Deck Stringer Plate, br'dth & thickness			
Angles on ditto, No.			
Tie Plates outside Hatchways			
Deck, Iron or Steel, for lng.			
Wood Deck. Material & thickness			
Third Deck Stringer Plate, br'dth & thickness			
Angles on ditto, No.			
Tie Plates, outside Hatchways			
Deck, Material and thickness			
Fourth and Fifth Deck Stringer Plate, breadth & thickness			
Angles on ditto, No.			
Tie Plates outside Hatchways			
Deck, Material & thickness			
Poop Deck Stringer Plate, breadth & thickness			
Angle on ditto	36	15	36
Tie Plates	32x32	8.5	32x32
Deck, Material and thickness	12x12	16	12x12
Bridge Deck Stringer Plate, br'dth & thickness			
Angle on ditto	38	17	38
Tie Plates	32x32	8.5	32x32
Deck, Material and thickness	12x12	16	12x12
Forecastle Deck Stringer Plate, br'dth & th'kns			
Angle on ditto	32x32	8.5	32x32
Tie Plates			
Deck, Material and thickness			

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



[illegible]

EQUIPMENT No. 29517.				LETTER W.				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS					
Number of Certificate.		Anchors.		WEIGHT, EX STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 31.		Description of Anchor.		Makers.		Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.						
1st Bower	...	58	1	1	...	...	...	...	...	...	...	Baler	Baler	Anchors tested			
2nd "	...	35	2	2	...	...	...	...	...	...	...	"	"	"			
3rd "	...	35	2	2	...	...	...	...	...	...	...	"	"	"			
4th "	...	...	...	...	...	...	...	...	...	...	...	"	"	"			
Collective weight.	...	152	0	6	...	...	...	...	...	...	...	149	2	0	American		
Stream	...	10	3	4	...	...	...	...	...	...	...	14	0	0	Endless do		
Kedge	...	7	3	7	...	...	...	...	...	...	...	6	0	0	do		

  

CHAIN CABLES.										HAWSERS AND WARPS.													
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and Size per Table 31.		Description.		Makers of Cable.		Where and when tested and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire Towing.		Length and Size per Table 31.	
		Length.	Diam.	Status.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Fathoms.	Inches.							Length.	Cir.	Ins.	Tons.	Length.	Cir.
...	...	22	...	...	...	58	...	27	...	27	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	90	...	...	...	...	...	90	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

**Boats** Two lifeboat (22') one working Boat (16')

**Pumps** Number ... Steering Gear, Steam ... Steering Gear, Hand ...

**Windlass** is ... Capstan ...

**Engine Room Skylights.** How constructed? ... What arrangements for deadlights in bad weather? ...

**Coal Bunker Openings.** How constructed? ... Height above deck? ...

**Number of Scupperns** and numbers and dimensions of Freeing Ports, &c. ...

**Ceiling in Holds,** thickness and material ...

**Cargo Hatchways.** How formed? ... Hatches, If strong and efficient? ...

**State size** No. 1 Hatch (Forward) ... No. 2 Hatch ... No. 3 Hatch ... No. 4 Hatch ...

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

**Bulwarks,** height above deck and description ... Main Rail, material and size ...

The foregoing is a correct description.

Builder's Signature (here only) ... Surveyor's Signature ...

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

1915. April (New York). 1916. 28 Jan. 1916. 31 incl. + 28 April (New York)

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

Is the riveted work properly closed? Yes.

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

to plate, &c., conform well to each other? Yes.

from the facing surfaces? Yes.

Do any rivets break into or through the seams or butts of the plating? A few only.

Are the butts of Plating, Stringers, &c., properly shifted and staggered? Yes.

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

State results of tests

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

State results of tests

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

The construction and scantlings of the vessel were noted from time to time during construction, but no official survey was held. The workmanship appeared to be good throughout.

Plans of midship section & profile, and 17 plans of structural details, of vessel as built, are now forwarded under separate cover.

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The Surveyor should state the Number of Report and Name of any Sister Vessel.  
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee ..... \$ 26.00  
Special Survey Fee..... \$ 425.00  
Travelling Expenses, if any £ : :

Fees applied for:  
6-7-1916  
Received by me:  
3/4/19

Certificate to be sent to PHILADELPHIA. Date of issue 18 Dec 1918.

I am of opinion this Vessel should be Classed 100A -  
With, or without Freeboard, as condition of Class Without.

Committee's Minute  
Character assigned TUE JUN 18 1918  
100A.1

R.M.C. MS 4.18 } See list. p. 1  
No. 15020  
B.S. 6.17

Lloyd's Register of Shipping



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 76.7 ft., R.Q.D. ☒ ft., Bridge 17.3 ft., Forecastle 3 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 should appear in the Register Book) 1 AK (S&B)  
 Official No. 213859; Signal Letters LFRQ. State if Machinery is fitted aft Yes (mushy aft)  
 How are the surfaces preserved from oxidation? Inside Portland Cement + Paint 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. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	—
Double bottom, under Engines and Boilers,	—	—	After peak tank,	—	—
Double bottom, if under Engines only,	<u>21.6</u>	<u>44</u>	Deep tank, aft, <u>amidships</u>	—	—
Double bottom, if under Boilers only,	<u>19.5</u>	<u>72</u>	Deep tank, forward,	—	—
Double bottom, forward, <u>of mushy space</u>	<u>251.3</u>	<u>1397</u>	Other tanks, if fitted,	—	—
Total capacity of double bottom		<u>1513</u>	(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. No

Order for Special Survey No. 169

Date 169

No. 169 in builder's yard.

DATES of SURVEYS held while building

From time to time during construction 1915 & 1916

Surveyor's Signature

Octavio Harbert

Total No. of Visits

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