

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office: *W. H. M. 3. 11. 1919*

Date of completion of report  
Survey held at *Elizabethport, N. J.*

Port of *New York*

No. *17520*

Date, First Survey *17 July 1919*

Last Survey *5 August 1919*

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

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk. *2909.93*

Do. of Poop

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage *3550*

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES *3550*

Less Engine Room

Less Navigation Spaces

Register Tonnage *2125*

as cut on Beam

CLASS

FEET.

Master

Year of appointment

Built at *Elizabethport, N. Jersey*

When built *1919* Launched *June 7 1919*

By whom built *Bethlehem Corporation, Moore Plant*

Owners *United States Shipping Board*

Managers

Residence

Port belonging to *Elizabethport, U.S.A.*

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock *both*

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
<i>318</i>	<i>0</i>	<i>0</i>	<i>46</i>	<i>0</i>	<i>0</i>	<i>22</i>	<i>9</i>	<i>0</i>	<i>one</i>	<i>one</i>

as of Ship per Register, Length *318' 4"* breadth *46'* depth *22' 5"* Moulded depth, ft. *23* ins. *6* To Bridge Dk. Round of Upper Dk. Beam, Actual *123* ins.

FRAMING.						PILLARS.					
Inches in Ship.						Inches in Ship.					
Angles, or Bars amidships						PILLARS In 'tween Deck, size and spacing					
peaks						Hold					
way of Double Bottoms at Solid Floors						Quarter 'tween Dks.					
at intermdt. Bkts.						in Hold					
Frames from centre to centre amidships						KEELSONS & STRINGERS.					
from } length to Collision bulkhead						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate					
in peaks						Rider Plate					
SED FRAME, Angles						Flat Plate Keel 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 } length amidships						Angles or Bulb Angles					
way of Engine and Boiler Spaces						Plate above floors, for length					
thickness at the ends of vessel						Intercostal Plate, for length					
depth at } the half breadth, as per Rule						Attached to outside Plating with Angle					
eight extended at the Bilges						BILGE KEELSON, Angles					
S in Cell, Double Bottoms						Intercostal Plate for length					
state if flanged (top & bottom)						Attached to outside Plating with Angle					
Spacing of Solid floors						SIDE STRINGERS, Number					
EGIRDER, in Dbl. bottom, dpth. & thcknss.						Angle					
Angles, Top						Intercostal Plate, for full length					
Bottom						Attached to outside plating with Angle					
to Floors						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
Brackets at intermdt. frmg., wdth & thcknss						br'dth & thickness (in way of Bridge)					
ORDERS, number on each side & thickness						Angle (clear of Bridge)					
state if flanged (top and bottom)						Tie Plate at sides of Hatchways					
Angles (top and bottom)						Deck, Iron or Steel, for full length					
to Floors						Thickness (clear of Bridge)					
N PLATE, depth (exclusive of flange) and thickness						(in way of Bridge)					
Angle to Outside Plating						Wood Deck, Material & thickness					
Floors						Second Deck Stringer Plate, br'dth & thickness					
Brackets at intermdt. frmg., wdth & thcknss						Angles on ditto, No.					
Height of Outside Brackets above at bilge						Tie Plates outside Hatchways					
BOTTOM PLATING, breadth and thickness of Middle Line Strake						Deck, Iron or Steel, for length					
in Engine and Boiler space						Wood Deck, Material & thickness					
Remainder in Holds						Third Deck Stringer Plate, br'dth & thickness					
Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Angles on ditto, No.					
In way of Long Bridge						Tie Plates, outside Hatchways					
Spacing						Deck, Material and thickness					
Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Fourth and Fifth Deck Stringer Plate, breadth & thickness					
Spacing						Angles on ditto, No.					
Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Tie Plates outside Hatchways					
Angles on upper edge						Deck, Material & thickness					
Spacing						Poop Deck Stringer Plate, breadth & thickness					
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Angle on ditto					
Angles on upper edge						Tie Plates					
Spacing						Deck, Material and thickness					
Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Bridge Deck Stringer Plate, br'dth & thickness					
Angles on upper edge						Angle on ditto					
Spacing						Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel						Deck, Material and thickness					
Angles on upper edge						Forecastle Deck Stringer Plate, br'dth & th'kns					
Spacing						Angle on ditto					
						Tie Plates					
						Deck, Material and thickness					

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

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[illegible]



EQUIPMENT No. 24499				LETTER W				ANCHORS.				TONNAGE U. DK. OR PLATING No. FOR TRAWLERS						
Number of Certificate.	Anchor.	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.	Cwts.	qrs.	lbs.				
6990	1st Bower ...	46	0	3	✓				39	17	12	0	45	0	0	ADMIRAL ANCHOR	Penn Island Steel Coy	Penn Steel Coy. Chester Pa. 23/9/18
6889	2nd " ...	45	3	1	✓				39	14	14	0	45	0	0	"	"	" " " " 10/7/18
6995	3rd " ...	45	0	20	✓				39	6	12	7	38	0	0	"	"	" " " " 24/9/18
	4th " ...																	
	Collective weight.	136	3	24									128	0	0			
6202	Stream .....	13	1	21	X				15	3	3	0	12	0	0	15 shanks	"	" " " " 18/3/18
6494	Kedge.....	6	3	9	✓				9	2	12	0	5	2	0	6-7-14	"	" " " " 17/5/18

Particulars of Drop Test of Cast Steel Anchors, viz.:—  
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	Drop test and Certificate date 23/9/18.	J. B. Carstairs	Lloyd's Surveyor	Philadelphia
2nd "	" " " " " " " "	"	"	"
3rd "	" " " " " " " "	"	"	"
4th "	" " " " " " " "	"	"	"

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 Cables.	Where and when tested, and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 31.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 31.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 31.
	Fathoms. Ins.	Tons. Tons.	Cwts. qrs. lbs. Cwts. qrs. lbs.	Fathoms. Ins.					Fathoms. Ins.	Tons. Tons.	Fathoms. Ins.		Fathoms. Ins.	Tons. Tons.	Fathoms. Ins.		Fathoms. Ins.	Tons. Tons.	Fathoms. Ins.
254	210	1 1/2	6 1/2	9 1/2	410.2.4	511.1.19	270	1 1/2	210	7	2090	7	2090	7	2090	7	2090	7	2090
	90	4 1/2	38 1/2	397.3.0	24	90	4 1/2												

**Boats** 4 lifeboats  
**Pumps, Number** no deck pumps  
**Windlass is** a steam windlass  
**Engine Room Skylights.**—How constructed? Steel Coamings  
**Coal Bunker Openings.**—How constructed? How are lids secured? Height above deck?  
**Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.** fourteen scuppers. eight freeing ports 3'-0" x 1'-6"  
**Ceiling in Holds, thickness and material** 2 1/2" pine laid on bottom  
**Cargo Hatchways.**—How formed? One only. Steel Coamings  
**State size No. 1 Hatch (Forward)** 10' x 10' **No. 2 Hatch** **No. 3 Hatch** **No. 4 Hatch**  
**Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch** one pine fore and after  
**Bulwarks, height above deck and description** steel plating 3'-9" high  
**The foregoing is a correct description.**  
**Builder's Signature (here only)** **Surveyor's Signature** John Mac Lachlan  
**Surveyor to Lloyd's Register of Shipping.**

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)  
July 21<sup>st</sup> Dec 28<sup>th</sup> 1918 January 30<sup>th</sup> 5<sup>th</sup> 18 March 3<sup>rd</sup> 10-13-29. August 5<sup>th</sup> and 6<sup>th</sup> 1917 July 21<sup>st</sup>

**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  
**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?** no  
**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 approved plans and letters of the above date, and in other respect in accordance with the Rules for oil Carrying vessels.  
Electric light has been fitted and provision made for carrying fuel oil.  
of a flash point above 150° F  
As a war emergency the Chain Cable has been reduced from 270 fathoms to 210 fathoms, but a further 60 fathoms has been ordered and will be put on board at the first opportunity

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 £ 25.00 :  
Special Survey Fee £ 50.00 :  
Travelling Expenses, if any £ 8.00 :  
Fees applied for, 11 Oct 1919  
Received by me, 26/3/20  
Certificate to be sent to 7/4/20  
Date of issue 1/12/19  
State whether the Vessel has been built under Special Survey  
I am of opinion this Vessel should be Classed 100 H.P. Carrying Petroleum in bulk.  
With, or without Freeboard, as condition of Class With Freeboard  
John Mac Lachlan  
Surveyor to Lloyd's Register of Shipping.

**Committee's Minute**  
Character assigned +100H.P.  
note: A.O.P.  
Eg. by V.  
Elect.  
mch. aft  
3H.  
with freeboard  
Cave: Pet. in bulk  
+ Lmk. 8.19  
Filled for oil fuel 8.19  
7.1 above 150° F



GENERAL REMARKS—(continued).

**PARTICULARS FOR RECORD** in the REGISTER BOOK.—Length of Poop (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 Dk. Stl

Official No. 218740; Signal Letters L. S. K. H. State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside Cement and paint. No Cement in oil tanks Outside paint

the cellular system or with girders on floors Cellular

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.				*Length.	Water in this survey.
	Water Capacity.	Where Fitted.	Feet.		

PARTICULARS OF WATER BALLAST.		Where Fitted.		Feet.
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	Feet.
	Feet.	Tons.		
Double bottom, aft,			Fore peak tank,	
Double bottom, under Engines and Boilers, <i>aft</i>	<i>48</i>	<i>79</i>	After peak tank,	<i>18</i>
Double bottom, if under Engines only,			Deep tank, aft,	<i>16</i>
Double bottom, if under Boilers only,			Deep tank, forward,	
Double bottom, forward,	<i>44</i>	<i>76</i>	Other tanks, if fitted,	
	Total capacity of double bottom <i>155</i>		(If necessary, furnish further information by sketch.)	
Do the above have been tested as required by the Rules.				<i>Yes</i> ✓

\* The wells are not to be included in the lengths of the tanks.

5 (If necessary, furnish further information.)  
State whether the above have been tested as required by the Rules.

Order for Special Survey No.

Date \_\_\_\_\_

No. 117 in builder's yard.

## DATES of Surveys held while building

1917. Jul 17 31 Aug 28 1919 Feb 5 8 15 19 26 Mar 4 7 11 12 26 29 Apr 2 4 8 17 22 26 29 May 7 9 22 29 June 7 14 19 24 July 17 19 Aug 15 Sep 20 23 Oct 2 8 Dec 4 16 26 1919 Jan 21 28 Feb 10 18 Mar 10 24 31 Apr 3 10 16 19 22 23 25 28 30 May 1 13 16 22 26 Jun 3 10 25 30 Aug 5

Total No. of Visits

Total No. of Visits

Surveyor's Signature

John Mac Lachlan

Lloyd's Register  
Foundation