

# With or Without Disconnected Erections. STEEL STEAMER.

Received at London Office  
WED. JUL 17 1919

Date of completion of report 22nd Aug 1919 Port of Philadelphia  
Survey held at Key Island, Pa. Date, First Survey 9th Sept 1918 Last Survey 21st Aug 1919  
State if Report is also sent on the Machinery of the Vessel Yes

On the (State if Single, Twin or Triple Screw)  
TONNAGE under 4739.22  
Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk. 4739.82  
Do. between Tonnage Dk. and 3rd and 4th Dk. 139.55

CLASS +100 A.1. FEET.  
Breadth (greatest moulded) 54.0  
Depth, at middle of length from top of keel to top of upper deck beams at side, 32.0  
Transverse Number 84.0  
Length on deck from fore part of stem to after part of stern post 390.0  
Longitudinal Number 32760  
Depth "d," at middle of length (See Secs. 2 & 13) 19.0  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.187  
" " Long Bridge Deck Beam at side to top of keel 9.75

Master C. G. Laird  
Year of appointment (1) As Master in service of owner of present vessel—191 (2) As Master of this vessel—191  
Built at Key Island, Pa.  
When built 1917 Launched 28th June 1919  
By whom built American International Corp.  
Owners The United States Shipping Board  
Emergency 7 feet Calpel  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence Washington, D. C.  
Port belonging to Philadelphia

Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
....	390	0	Moulded	54	0	Do. do. do. do.	Second Dk. Beams	19	0	Two
Ship per Register, Length <u>390.0</u>			breadth <u>54.2</u>			depth <u>27.6</u>			Moulded depth, ft. <u>40</u> ins. <u>0</u>	
									To Bridge Dk. Round of Upper	
									Dk. Beam, Actual	

FRAMING.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Bars amidships	12	3.175	30	12	3.175	30	12
of Double Bottoms at Solid Floors	3	3 1/2	4.37	3	3 1/2	4.37	3
" at intermdt. Bkts.	8	3 1/2	5.68	8	3 1/2	5.68	8
frames from centre to centre amidships	27			27			27
" from } length to Collision bulkhead	24			24			24
" " in peaks	4	3 1/2	4.37	4	3 1/2	4.37	4
FRAME, Angles in Peaks	3	3 1/2	5.08	3	3 1/2	5.08	3
of Double Bottoms at Solid Floors	8	3 1/2	5.68	8	3 1/2	5.68	8
" at intermdt. Bkts.	12	4	10	12	4	10	12
depth of girder							
depth and thickness of Floor Plate							
mid-line for } length amidships							
of Engine and Boiler Spaces							
less at the ends of vessel							
at the half breadth, as per Rule							
extended at the Bilges							
Cell Double Bottoms	38	4.37	5.08	38	4.37	5.08	38
if flanged (top & bottom)	no			no			no
acing of Solid floors	8 1/2	27	in E.S. photo	3/4	to C.H.B.	27	in photo
EDER, in Dbl. bottom, dpth. & thknss.	48	50	5.68	48	50	5.68	48
" Angles, Top	3 1/2	3 1/2	5.08	3 1/2	3 1/2	5.08	3 1/2
" " Bottom	4	4	6.87	4	4	6.87	4
" " to Floors	3 1/2	3	4.37	3 1/2	3	4.37	3 1/2
ockets at intermdt. frmg., width & thknss	42	38	5.08	42	38	5.08	42
ERS, number on each side & thickness	20	38	4.37	5.08	20	38	4.37
state if flanged (top and bottom)	3 1/2	no	4.37	3 1/2	no	4.37	3 1/2
Angles (top and bottom)	3 1/2	3 1/2	5.08	3 1/2	3 1/2	5.08	3 1/2
" to Floors	3	3	3.8	3	3	3.8	3
LATE, depth (exclusive of flange)	5	5	5.68	5	5	5.68	5
and thickness	3 1/2	3 1/2	4.37	3 1/2	3 1/2	4.37	3 1/2
" Angle to Outside Plating	72	375	5.08	72	375	5.08	72
ockets at intermdt. frmg., width & thknss	37 1/2	50	37 1/2	50	37 1/2	50	37 1/2
ght of Outside Brackets above at bilge	72	50	72	50	72	50	72
TTOM PLATING, breadth and thickness of Middle Line Strake	50	5.68	50	5.68	50	5.68	50
" in Engine and Boiler space	437		437		437		437
" Remainder in Holds	10	3.3	21.7	10	3.3	21.7	10
per Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	10	3.3	21.7	10	3.3	21.7	10
way of Long Bridge	27		27		27		27
acing	12	3	25	12	3	25	12
ond Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	27		27		27		27
rd and Fourth Deck, Single Angle, Angle, Plate, Tee Bulb, or Channel							
angles on upper edge							
acing							
BEAMS, POOP Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7	3.4	18.6	7	3.4	18.6	7
" Angles on upper edge							
" Spacing	27	24	27	24	27	24	27
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3.3	21.7	10	3.3	21.7	10
" Angles on upper edge							
" Spacing	27		27		27		27
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	10	3.3	21.7	10	3.3	21.7	10
" Angles on upper edge							
" Spacing	27	24	27	24	27	24	27

PILLARS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS In 'tween Deck, size and spacing	8 x 7 1/2			8 x 7 1/2			8 x 7 1/2
" " Hold	14 x 130			14 x 130			14 x 130
" " Quarter 'tween Dks.							
" " in Hold							
KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
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	24	44	34	44	24	44	34
" " Angle	6	3 1/2	5.68	6	3 1/2	5.68	6
" Intercoastal Plate, for length	24	44	24	44	24	44	24
" Attached to outside plating with Angle	3 1/2	3 1/2	5.08	3 1/2	3 1/2	5.08	3 1/2
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	76	6.25	76	6.25	76	6.25	76
" " " br'dth & thickness (in way of Bridge)		5.08		5.08		5.08	
" " " Angle (clear of Bridge)	5 x 5 x	6.25	5 x 5 x	6.25	5 x 5 x	6.25	5 x 5 x
" " Tie Plate at sides of Hatchways							
" Deck * Iron or Steel, for full lng.	6.25	375	6.25	375	6.25	375	6.25
" " Thickness (clear of Bridge)	6.25	375	6.25	375	6.25	375	6.25
" " (in way of Bridge)	375		375		375		375
" Wood Deck, Material & thickness							
Second Deck Stringer Plate, br'dth & thickness	72	4.37	72	4.37	72	4.37	72
" Angles on ditto, No. 2	3 1/2 x 3 1/2	4.37	3 1/2 x 3 1/2	4.37	3 1/2 x 3 1/2	4.37	3 1/2 x 3 1/2
" Tie Plates outside Hatchways							
" Deck * Iron or Steel, for full lng.		375		375		375	
" 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	76	375	76	375	76	375	76
" Angle on ditto	3 1/2 x 3 1/2	375	3 1/2 x 3 1/2	375	3 1/2 x 3 1/2	375	3 1/2 x 3 1/2
" Tie Plates							
" Deck, Material and thickness	30		30		30		30
Bridge Deck Stringer Plate, br'dth & thickness	79 3/4	562	79 3/4	562	79 3/4	562	79 3/4
" Angle on ditto	5 x 5 x	6.25	5 x 5 x	6.25	5 x 5 x	6.25	5 x 5 x
" Tie Plates							
" Deck, Material and thickness	375		375		375		375
Forecastle Deck Stringer Plate, br'dth & th'kns	54	375	54	375	54	375	54
" Angle on ditto	5 x 5 x	6.25	5 x 5 x	6.25	5 x 5 x	6.25	5 x 5 x
" Tie Plates							
" Deck, Material and thickness	375		375		375		375



Form No. 1A. WEB FRAMES, FORGINGS or CASTINGS, PLATING, RIVETING, MASTS, SPARS, &c. Includes sections for web frames, forgings, plating, riveting, and masts/spars with various tables and handwritten entries.

Form No. 1B. EQUIPMENT No. 35095, LETTER Z, ANCHORS, TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. Includes sections for equipment, anchors, chain cables, hawsers and warps, and a detailed correspondence section.



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 39.25 ft., R.Q.D. ☒ ft., Bridge 21.5 ft., Forecastle 42.5 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 should appear in the Register Book) 2 Decks (Steel)

Official No. 218681; Signal Letters LSGP.

State if Machinery is fitted aft ☒ No

How are the surfaces preserved from oxidation? Inside Cement, bituminastic & 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, Oil fuel	74'-3"	329 S.W.	Fore peak tank,		144 S.W.
Double bottom, under Engines and Boilers,			After peak tank,		100 S.W.
Double bottom, if under Engines only, Fresh Water	22'-6"	132 S.W.	Deep tank, aft,		
Double bottom, if under Boilers only, Oil fuel	22'-6"	133 S.W.	Deep tank, forward,	36'-0"	879 S.W.
Double bottom, forward, Oil fuel	159'-9"	786 S.W.	Other tanks, if fitted, Settling tank in deep tank	13'-6"	131 S.W.
		Total capacity of double bottom 1380 S.W.	(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. 298

Date 2/1/18

No. 533 in builder's yard.

DATES OF SURVEYS held while building

1918. Sept. 9. 15. 22. 29. Oct. 6. 13. 20. 27. Nov. 3. 10. 17. 24. Dec. 4. 11. 17. 24. 1919. Jan. 14. 21. 28. 31. Feb. 4. 11. 19. Mar. 3. 12. 19. 31. Apr. 3. 8. 10. 11. 24. May 1. 5. 8. 12. 19. 26. June 4. 6. 17. 21. 23. 26. 27. 30. July 9. 16. 21. 22. 29. Aug 4. 7. 12. 18. 21.

Surveyor's Signature

J. M. Ferguson

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Total No. of Visits 58

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