

With or Without Disconnected Erections.

STEEL STEAMER.

MON 26 MAR 1917

Received at London Office

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

yes

Date of completion of report

23rd February 1917

Port of

Philadelphia

No.

2523

Survey held at

Chester Pa

Date, First Survey

17th December 1915

Last Survey

7th February

1917

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

STEEL SINGLE SCREW STEAMER "MALMANGER"

Rig Two masted schooner

TONNAGE under

4550.18

CLASS 100A1 Fitted with

Master H. Jonassen

Do. between Tonnage Dk.

244.17

Cylindrical tanks for car. fuel

Year of appointment

Total under Upper Dk.

4550.18

Breadth (greatest moulded)

54.00

Do. of Poop

244.17

Depth, at middle of length from top of keel to top of

32.75

Do. of Bridge House

39.90

Transverse Number

86.75

Do. of Forecastle

77.79

Length on deck from fore part of stem to after part of

401.00

Do. of Houses on Dk.

103.81

Longitudinal Number

34786.75

Do. of excess of Hatchways

118.77

Depth "d," at middle of length (See Secs. 2 & 13)

29.08

Do. above Crown of

5671.93

Proportions—Depths to Length—Upper Deck Beam at

12.24

Gross Tonnage

5671.93

side to top of keel

12.24

Less Crew Space

228.15

Long Bridge Deck

12.24

Less above Crown of

5671.93

Beam at side to top of keel

12.24

TONNAGE FOR FEES

5671.93

Destined Voyage

Bristol Channel

Less Engine Room

1815.01

If Surveyed while Building

Afloat, or in Dry Dock

Less Navigation Spaces

37.68

yes

Less Rooms

83.70

yes

Register Tonnage

3810.18

yes

as out on Beam

3810.18

yes

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
401 0			54 0			Do. do. do. do. Second Dk. Beams	30	2 1/2	one	one

Dimensions of Ship per Register. Length 400.8 breadth 54.3 depth 31.4 Moulded depth, ft. 40 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.

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.
FRAME, Angles, or Bars amidships	12	5 7/8	4 7/8	12	5 7/8	4 7/8	12
Do. in peaks	6	3 1/2	7 1/6	6	3 1/2	7 1/6	6
Do. in way of Double Bottoms at Solid Floors	5 1/2	3 1/2	4 1/2	5 1/2	3 1/2	4 1/2	5 1/2
" " " at intermdt. Bkts.	8	3 1/2	4 1/2	8	3 1/2	4 1/2	8
Spacing of Frames from centre to centre amidships	27		27			27	
" " " from 1/2 length to Collision bulkhead	27		27			27	
" " " in peaks	24		24			24	
REVERSED FRAME, Angles	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	3 1/2
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	3 1/2
" " " at intermdt. Bkts.	8	3 1/2	4 1/2	8	3 1/2	4 1/2	8
FRAMING, depth of girder	12		12			12	
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 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							
FLOORS in Cell, Double Bottoms	40		40			40	
" " state if flanged (top & bottom)	No		No			No	
" " Spacing of Solid floors	5 1/2		5 1/2			5 1/2	
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	4 1/2	5 1/2	5 1/2	4 1/2	5 1/2	5 1/2	4 1/2
" " Angles, Top	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
" " Bottom	5	5	5	5	5	5	5
" " to Floors	5	5	5	5	5	5	5
" " Brackets at intermdt. frng., width & thcknss	36	40	36	40	36	40	36
SIDE GIRDERS, number on each side & thcknss	400	40	400	40	400	40	400
" " state if flanged (top and bottom)	No		No		No		No
" " Angles (top and bottom)	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	3 1/2
" " to Floors	3	3	4 1/2	3	3	4 1/2	3
MARGIN PLATE, depth (exclusive of flange) and thickness	78	148	78	148	78	148	78
" " Angle to Outside Plating	5	5	5	5	5	5	5
" " Floors							
" " Brackets at intermdt. frng., width & thcknss	60	40	60	40	60	40	60
" " Height of Outside Brackets above at bilge	66		66		66		66
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	58	56	58	56	58	56	58
" " in Engine and Boiler space							
" " Remainder in Holds							
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	8	3 1/2	50	8	3 1/2	50	8
" " In way of Long Bridge							
" " Spacing	27		27		27		27
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							
" " Spacing							
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel							
" " Angles on upper edge							
" " Spacing							
BEAMS, Poop Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	8	3 1/2	41	8	3 1/2	41	8
" " Angles on upper edge							
" " Spacing	24 and 27		24 and 27		24 and 27		24 and 27
BEAMS, Bridge Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	8	3 1/2	41	8	3 1/2	41	8
" " Angle on upper edge	6	3 1/2	44	6	3 1/2	44	6
" " Spacing	27		27		27		27
BEAMS, Forecastle Deck, Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	8	3 1/2	41	8	3 1/2	41	8
" " Angles on upper edge							
" " Spacing	24 and 27		24 and 27		24 and 27		24 and 27

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 98.75 ft., R.Q.D. ☒ ft., Bridge 27.0 ft., Forecastle 50.25 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Poop is joined to Bridge deck by Trunk 31.5 ft wide.*

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) *1 DK (STL) & TRUNK DK (STL) & WEB FRAMES.*

Official No. ☒ ; Signal Letters _____ State if Machinery is fitted aft *yes.*
How are the surfaces preserved from oxidation? Inside *Paint except inside Oil tanks* Outside *Paint.*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	—	—	Fore peak tank,	—	115
Double bottom, under Engines and Boilers,	55	236	After peak tank,	—	144
Double bottom, if under Engines only,	—	—	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	294.75	1375	Other tanks, if fitted,	—	—
	Total capacity of double bottom	1611	(If necessary, furnish further information by sketch.)	—	—

* The wells are not to be included in the lengths of the tanks. *349.75* State whether the above have been tested as required by the Rules. *yes.*

Order for Special Survey No. *67*

Date *29 Nov 1915*

No. *338* in builder's yard.

Dates of Surveys held while building

1915: DEC 17, 25, 1916: JAN 4, 8, 12, 18, 25, 31, FEB 4, 8, 9, 17, 22, 25, 29, MARCH 2, 10, 17, 21, 24, 29, APRIL 3, 6, 11, 13, 18, 26, MAY 2, 8, 11, 15, 18, 23, JUNE 2, 13, 16, 21, 23, 27, 29, JULY 6, 10, 13, 18, 24, 26, 28, AUGUST 12, 8, 11, 14, 17, 21, 22, 24, 26, 29, 31, SEPTEMBER 6, 9, 12, 19, 22, 25, 28, OCTOBER 4, 6, 9, 12, 16, OCTOBER 18, 20, 23, 25, 26, 30, NOVEMBER 1, 6, 9, 13, 16, 17, 21, 24, 29, DECEMBER 4, 6, 7, 11, 13, 19, 20, DECEMBER 27, 30, JANUARY 8, 10, 15, 16, 19, 20, 23, 25, 27, 30, FEBRUARY 3, 6, 7. Total No. of Visits *109.*

Surveyor's Signature

James G. Butler

Lloyd's Register Foundation