

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office JUL 2 1913

Date of completion of report

Survey held at

On the

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R. Q. Dk. CHARTHOUSE

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

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

Port of

Date, First Survey

Last Survey

Rig

Master

Year of appointment

Built at

When built

By whom built

Owners

Managers

Residence

Port belonging to

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
as per Rule	450	0	Moulded	52	0	Top of Floors to top of Upper Dk. Beams	30	8	Upper
						Do. do. do. do. Second Dk. Beams	21	4	Lower

Dimensions of Ship per Register, Length 450 breadth 52.25 depth 30.6 Moulded depth, ft. 41 ins. 6 To Bridge Dk. Round of Upper 13" ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Y. E. B. SPACES CROSS. BUNKER 7 4	8	3 1/2	5	8	3 1/2	5	PILLARS, In 'tween Deck, size and spacing	18	6	18	6
FRAME, Angles, or E or L Bars amidships	6 1/2	3 1/2	5 1/2	6 1/2	3 1/2	5 1/2	" " Hold	18	6	18	6
Do. in peaks	6 1/2	3 1/2	5 1/2	6 1/2	3 1/2	5 1/2	" " Quarter 'tween Dks.				
Do. in way of Double Bottoms at Solid Floors	5 1/2	3 1/2	5 1/2	5 1/2	3 1/2	5 1/2	" " in Hold				
" " at intermdt. Bkts.							KEELSONS & STRINGERS.				
acing of Frames from centre to centre amidships	24			24			CENTRE LINE KEELSON, Vertical Plates above				
" " length to Collision bulkhead	24			24			floors, Through Plate, or Intercoastal Plate				
" " in peaks	24			24			" Rider Plate				
EVERSED FRAME, Angles IN PEAKS 3 1/2 x 5 1/2	3 1/2	5 1/2	6	3 1/2	5 1/2	6	" Flat Plate Keel Angles				
IN E. B. SPACES TO MR.	3 1/2	5 1/2	6	3 1/2	5 1/2	6	" Horizontal Plates on Floors				
Do. in way of Double Bottoms at Solid Floors	3 1/2	5 1/2	6	3 1/2	5 1/2	6	" Angles or Bulb Angles				
" " at intermdt. Bkts.							" SIDE KEELSONS, Number				
AMING, depth of girder	MEAN 8 1/4			MEAN 8 1/4			" Angles or Bulb Angles				
ORS, depth and thickness of Floor Plate	MATERIAL IN DB. IN E. B.			MATERIAL IN DB. IN E. B.			" Plate above floors, for				
at mid-line for 1/2 length amidships	SPACES INCREASED AS			SPACES INCREASED AS			" Intercoastal Plate, for				
" in way of Engine and Boiler Spaces	PER. RULE			PER. RULE			" Attached to outside Plating with Angle				
" thickness at the ends of vessel							BILGE KEELSON, Angles				
" depth at 1/2 the half breadth, as per Rule							" Intercoastal Plate for				
" height extended at the Bilges							" Attached to outside Plating with Angle				
DOORS & BRACKETS in Cell Dble Bottoms	44			44			2 SIDE STRINGERS, Number TWO				
" state if flanged (top & bottom)							" Angle	6 1/2	4 1/2	7/4	6 1/2
" Spacing	24			24			" Intercoastal Plate, for FULL length	13		5	13
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	44			44			" Attached to outside plating with Angle	3 1/2	3 1/2	5	3 1/2
" Angles, Top	4	4	5	4	4	5	Upper Deck Stringer Plate, br'dth & thickness	69	66	69	66
" Bottom	5	5	6	5	5	6	" (clear of Bridge)				
" to Floors	5	5	6	5	5	6	" br'dth & thickness	69	56	69	56
SIDE GIRDERS, number on each side & thickness	TWO			TWO			" (in way of Bridge)	5 x 5	56	5 x 5	56
" state if flanged (top and bottom)							" Angle (clear of Bridge)	5 x 5	56	5 x 5	56
" Angles (top and bottom)	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Tie Plate at sides of Hatchways				
" to Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	" Deck * Iron or Steel, for FULL lng.				
MARGIN PLATE, depth (exclusive of flange)	39			39			" Thickness (clear of Bridge)	50		50	
" and thickness	4	4	5 1/2	4	4	5 1/2	" " IN. DEC. IN. AT BRIDGE	0.8	6 x 3	0.8	6 x 3
" Angles to Outside Plating	4	4	5 1/2	4	4	5 1/2	" Wood Deck, Material & thickness	TEAK			
" Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	4 1/2	Second Deck Stringer Plate, br'dth & thickness	82	56	82	56
" Height of Brackets above at bilge	69	8 1/2	8 1/2	69	8 1/2	8 1/2	" Angles on ditto, No. TWO	4 x 4	44	4 x 4	44
INNER BOTTOM PLATING, breadth and	44			44			" Tie Plates outside Hatchways				
thickness of Middle Line Strake							" Deck * Iron or Steel, for FULL lng.				
" in Engine and Boiler space	56			56			" Wood Deck, Material & thickness				
" Remainder in Holds	40 1/2	46 1/2	36 x 40	40 1/2	46 1/2	36 x 40	Third Deck Stringer Plate, br'dth & thickness	42	5	42	5
BEAMS, Upper Deck, Single Angle, Bulb	11 x 3 1/2 x 5 1/2			11 x 3 1/2 x 5 1/2			" Angles on ditto, No. TWO	4 x 4	44	4 x 4	44
Angle, Plate, Tee Bulb, or Channel							" Tie Plates outside Hatchways	STEEL DS		38	
" Angles on upper edge							" Deck * Material and thickness				
" In way of Long Bridge							Fourth and Fifth Deck Stringer Plate, br'dth & thickness				
" Spacing	54			54			" Angles on ditto, No.				
BEAMS, Second Deck, Single Angle, Bulb	12 x 3 1/2 x 5 1/2			12 x 3 1/2 x 5 1/2			" Tie Plates outside Hatchways				
Angle, Plate, Tee Bulb, or Channel							" Deck, Material & thickness				
" Angles on upper edge							Poop Deck Stringer Plate, breadth & thickness	42	34	42	34
" Spacing	54			54			" Angle on ditto	3 1/2 x 3 1/2	4	3 1/2 x 3 1/2	4
BEAMS, Third and Fourth Deck, Single Angle,	12 x 3 1/2 x 5 1/2			12 x 3 1/2 x 5 1/2			" Tie Plates	STEEL DS		25	
Bulb Angle, Plate, Tee Bulb, or Channel							" Deck, Material and thickness	TEAK	6 x 2 1/2	6 x 2 1/2	
" Angles on upper edge							Bridge Deck Stringer Plate, br'dth & thickness	48	56	48	56
" Spacing	54			54			" Angle on ditto	5 x 5	56	5 x 5	56
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,	9	3	54	9	3	54	" Tie Plates	STEEL DS		4	
Tee Bulb, or Channel							" Deck, Material and thickness	TEAK	6 x 2 1/2	6 x 2 1/2	
" Angles on upper edge							Forecastle Deck Stringer Plate, br'dth & th'kns	30	34	30	34
" Spacing	54			54			" Angle on ditto	3 1/2 x 3 1/2	4	3 1/2 x 3 1/2	4
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate,	9	3 1/2	64	9	3 1/2	64	" Tie Plates	STEEL DS		25	
Tee Bulb, or Channel							" Deck, Material and thickness	TEAK	6 x 2 1/2	6 x 2 1/2	
" Angles on upper edge											
" Spacing	54			54							
BEAMS, Forecastle Deck, Angle, Bulb Angle,	9 x 3 1/2 x 5 1/2			9 x 3 1/2 x 5 1/2							
Plate, Tee Bulb, or Channel											
" Angles on upper edge											
" Spacing	54			54							

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

[illegible]

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 84-0 ft., R.Q.D. ✓ ft., Bridge 148.6 ft., Forecastle 84-10 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).

Official No. _____; Signal Letters _____

State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside

Outside

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,	<u>110-0</u>	<u>508</u>	Fore peak tank,	<u>✓</u>	<u>✓</u>
Double bottom, under Engines and Boilers,	<u>✓</u>	<u>✓</u>	After peak tank,	<u>✓</u>	<u>95</u>
Double bottom, if under Engines only,	<u>✓</u>	<u>✓</u>	Deep tank, aft,	<u>✓</u>	<u>✓</u>
Double bottom, if under Boilers only,	<u>✓</u>	<u>✓</u>	Deep tank, forward,	<u>✓</u>	<u>✓</u>
Double bottom, forward,	<u>189-0</u>	<u>524</u>	Other tanks, if fitted,	<u>✓</u>	<u>✓</u>
Total capacity of double bottom		<u>832</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.

Order for Special Survey No. 2680

Date 12th Jan'y 1912

No. 324 in builder's yard.

DATES OF SURVEYS
held while building

1912. Augt. 7. 14. 19. 23. Sept. 2. 5. 14. 16. 21. Oct. 2. 10. 17. 22. 24. Nov. 1. 7. 14. 18. 20. 22.
29. Dec. 3. 9. 16. 23. 27. 1913. Jan. 9. 15. 21. 27. Feby. 6. 13. 18. 21. 25. March 3. 6. 11. 14.
20. 24. Apr. 1. 10. 14. 15. 16. 21. 30. May 8. 14. 19. 23. 28. June 1. 3. 6. 16. 20. 23. 25.

Total No. of Visits

60

Surveyor's Signature

J. M. S. Strong

Lloyd's Register
Foundation