

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London SAT: SEP 29 1917

Date of completion of report

Survey held at Walker-on-Tyne

On the (Builder's Single, Double or Triple Screw) Steamer

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.

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 Yes

Port of Newcastle-on-Tyne

No. 70283

Date, First Survey 12 April 1915

Last Survey 14 September 1917

"British Ensign"

Rig Fore & aft schooner

CLASS 100 A1.

FEET.

Master - LOADER

Year of appointment

(1) As Master in service of owner of present vessel - 191
(2) As Master of this vessel - 191

Built at

Walker-on-Tyne

When built

1917

Launched

20 June 1917

By whom built

Sir W. & Armstrong Whitworth & Co. Ltd.

Owners

British Tanker Co. Ltd.

Managers

D. D.

(Where necessary to be entered in Reg. Book.)

Residence

London

Port belonging to

London

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH Moulded	Feet.	Inches.	DEPTH, ACTUAL	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
430	0		56	9		33	7		Two.	Two.

Dimensions of Ship per Register. Length 430.1 breadth 57.05 depth 33.7 Moulded depth, ft. 33 ins. 6 To Bridge Dk. Round of Upper Dk. Beam, Actual 14 ins. To Upper Dk.

FRAMING.				PILLARS.			
FRAME, Angles, or [or] Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	PILLARS, In 'tween Deck, size and spacing	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks (after peaks)	8	3 1/2	50	" Hold	"	"	"
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	42	" Quarter 'tween Dks.,	"	"	"
" " " at intermdt. Bkts.	17	3 1/2	42	" in Hold	"	"	"
Spacing of Frames from centre to centre amidships	"	"	"	KEELSONS & STRINGERS.			
" " " from 1	"	"	"	CENTRE LINE KEELSON, Vertical Plate above	78	54	84
" " " length to Collision bulkhead	25	"	25	" Rider Plate	"	"	"
" " " after in peaks	"	"	"	" Flat Plate Keel Angles	6	6	58
REVERSED FRAME, Angles	"	"	"	" Horizontal Plates on Floors	"	"	"
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	52	" Angles or Bulb Angles	"	"	"
" " " at intermdt. Bkts.	7	3 1/2	52	SIDE KEELSONS, Number	"	"	"
FRAMING, depth of girder	"	"	"	" Angles or Bulb Angles	"	"	"
FLOORS, depth and thickness of Floor Plates	"	"	"	" Plate above floors, for length	"	"	"
" in way of Engine and Boiler Spaces	40	8	68	" Intercoastal Plate, for length	"	"	"
" thickness at the ends of vessel	"	"	"	" Attached to outside Plating with Angle	"	"	"
" depth at 1/2 the half breadth, as per Rule	"	"	"	BIDGE KEELSON, Angles	"	"	"
" height extended at the Bilges	"	"	"	" Intercoastal Plate for length	"	"	"
FLOORS in Cell. Double Bottoms. B. Space	"	"	"	" Attached to outside Plating with Angle	"	"	"
" state if flanged (top & bottom)	"	"	"	SIDE STRINGERS, Number	"	"	"
" Spacing of Solid floors	45	8	54	" Angle	"	"	"
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	45	"	62	" Intercoastal Plate, for length	"	"	"
" " " Angles, Top	3 1/2	3 1/2	60	" Attached to outside plating with Angle	"	"	"
" " " Bottom	4 1/2	4 1/2	60	Upper Deck Stringer Plate, br'dth & thickness	96	40	68
" " " to Floors	3 1/2	3 1/2	54	" " " (clear of Bridge)	96	82	96
Brackets at intermdt. frmg., wdth & thcknss	25	"	68	" " " (in way of Bridge)	6x6	160	6x6
SIDE GIRDERS, number on each side & thickness	One	50	One	" " Angle (clear of Bridge)	"	"	"
" state if flanged (top and bottom)	"	"	"	" Tie Plate at sides of Hatchways	60	50	140
" Angles (top and bottom)	3 1/2	3 1/2	52	" Deck * Iron or Steel, for full lng.	60	50	140
" " " to Floors	3 1/2	3 1/2	52	" Thickness (clear of Bridge)	60	50	140
MARGIN PLATE, depth (exclusive of flange)	22	"	58	" " (in way of Bridge)	60	50	140
" and thickness	4	4	50	" Wood Deck. Material & thickness	None	"	"
" Angle to Outside Plating	4	4	50	Second Deck Stringer Plate, br'dth & thickness	74	42	49
" Floors	3 1/2	3 1/2	52	" Angles on ditto, No.	5x5	44	5x5
Brackets at intermdt. frmg., wdth & thcknss	24	"	68	" Tie Plates outside Hatchways	40	32	40
Height of Outside Brackets above at bilge	"	"	"	" Deck * Iron or Steel, for full lng.	40	32	40
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	45	"	72	" Wood Deck. Material & thickness	None	"	"
" in Engine and Boiler space	"	"	72	Third Deck Stringer Plate, br'dth & thickness	"	"	"
" Remainder in Hold	"	"	"	" Angles on ditto, No.	"	"	"
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	"	"	"	" Tie Plates outside Hatchways	"	"	"
" In way of Long Bridge	"	"	"	" Deck * Material and thickness	"	"	"
" Spacing	"	"	"	Fourth and Fifth Deck Stringer Plate, breadth & thickness	"	"	"
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	"	"	"	" Angles on ditto, No.	"	"	"
" Spacing	"	"	"	" Tie Plates outside Hatchways	"	"	"
BEAMS, Third and Fourth Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel	"	"	"	" Deck. Material & thickness	"	"	"
" Angles on upper edge	"	"	"	Poop Deck Stringer Plate, breadth & thickness	37	36	37
" Spacing	"	"	"	" Angle on ditto	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	"	"	"	" Tie Plates	Sheathing over accommodation	30	26
" Angles on upper edge	"	"	"	" Deck. Material and thickness	Steel	30	26
" Spacing	"	"	"	Bridge Deck Stringer Plate, br'dth & thickness	64	42	54
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	46	" Angle on ditto	3 1/2 x 3 1/2	42	3 1/2 x 3 1/2
" Angles on upper edge	"	"	"	" Tie Plates	Sheathing	2 1/2	Pine
" Spacing	"	"	"	" Deck. Material and thickness	Steel	26	26
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50	Forecastle Deck Stringer Plate, br'dth & th'kns	37	36	37
" Angles on upper edge	"	"	"	" Angle on ditto	3 1/2 x 3 1/2	36	3 1/2 x 3 1/2
" Spacing	"	"	"	" Tie Plates	Sheathing	5 x 3	P.P.
"	"	"	"	" Deck. Material and thickness	Steel	26	26

This vessel was placed in Messrs Swan & Hunter's Dry Dock, walls and the bottom was cleaned, examined & painted.

The steel plate on Starboard side in way of forward deep tank, which was stated to have been indented by vessel striking quay wall when vessel was put in place. Internal dry dock has now been fixed in place.

M. Suddan.

W568-0061 3/3

"British Ensign"

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.			AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.								
			In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.			Spacing of Rivets on each side of Transverses and Bulkheads.			Rivets in Brackets to Bulkheads.		
			Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.	Ins.	Ins.	Inches.	Number.	Diameter.		
																					Inches.		
Framing of L.L.S.			0.2.			0.2.			0.2.			Transverse Framing.											
Frames in Bridge 'tween Decks ...			7	3 1/2	40				7	3 1/2	40												
Frames from Uppermost Continuous Deck			6	3 1/2	36	6	3 1/2	36	6	3 1/2	36	6	3 1/2	36	1	6				6	7/8		
Framing from Awnings, Shelter or Upper Deck to Margin Plate, Centre Line.			" 2	6	3 1/2	38	6	3 1/2	38	6	3 1/2	38	6	3 1/2	38	"	"				"	"	
			" 3	6 1/2	3 1/2	38	6 1/2	3 1/2	38	6 1/2	3 1/2	38	6 1/2	3 1/2	38	"	"				"	"	
			" 4	7 1/2	3 1/2	40	7 1/2	3 1/2	40	7 1/2	3 1/2	40	7 1/2	3 1/2	40	7/8	5 1/2				7	"	
			" 5	8	3 1/2	40	8	3 1/2	40	8	3 1/2	40	8	3 1/2	40	"	"				8	"	
			" 6	8 1/2	3 1/2	44	8 1/2	3 1/2	44	8 1/2	3 1/2	44	8 1/2	3 1/2	44	"	"				9	"	
			" 7	9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	"	"				"	"	
			" 8	9 1/2	3 1/2	44	9 1/2	3 1/2	44	9 1/2	3 1/2	44	9 1/2	3 1/2	44	"	"				"	"	
			" 9	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	"	"				"	"	
			" 10	10 1/2	3 1/2	44	10 1/2	3 1/2	44	10 1/2	3 1/2	44	10 1/2	3 1/2	44	"	"				"	"	
			" 11	10 1/2	3 1/2	48	10 1/2	3 1/2	48	10 1/2	3 1/2	48	10 1/2	3 1/2	48	"	"				"	"	
			" 12	12x4x4	47 1/2	12x4x4	47 1/2	12x4x4	47 1/2	12x4x4	47 1/2	12x4x4	47 1/2	12x4x4	47 1/2	"	"				"	"	
			" 13	"	"	"	"	"	"	"	"	"	"	"	"	"	"				16	"	
			" 14	"	"	"	"	"	"	"	"	"	"	"	"	"	"				16	"	
			" 15	"	"	"	"	"	"	"	"	"	"	"	"	"	"				13	"	
			19 1/2, 16			Girders.			Girders.			Girders.			Girders.								
17, 18, 20, 21, 22																							
Spacing of Longitudinal Frames			Amidships			At Ends			Amidships			At Ends			Amidships			At Ends					
			31			31			31			31			31			31					
Double Bottoms L.L. or C			Tank Top Longitudinals			Bottom			Transverse Framing.														
Spacing of Longitudinals			Amidships			At Ends																	
Transverses.															Rivets in Lugs to Shell Diam. Spang.								
In Bridge 'tween Decks			Depth and Thickness			Face Angles			Lugs to Shell			Rivets in Lugs to Shell			Diam. Spang.								
			Transverse Framing.																				
In Awnings, Shelter or Upper 'tween Decks.			Depth and Thickness			Face Angles			Lugs to Shell			Rivets in Lugs to Shell			Diam. Spang.								
			18			40			18			40			18			40					
			4 3/2			44			4 3/2			44			4 3/2			44					
			6			6			6			6			6			6			7/8 4		
			30			46			30			46			30			46					
			6			4			60			6			4			60					
In Hold.			Depth and Thickness			Face Angles			Lugs to Shell			Rivets in Lugs to Shell			Diam. Spang.								
			6			4			60			6			4			60					
			6			6			46			6			6			46			7/8 4		
			40			46			40			46			40			46					
Spacing of Transverse Frames			8'-1"			8'-1"			8'-1"			8'-1"			8'-1"			8'-1"					
* State if joggled or liners.																							
Longitudinal Beams of L.L.S.			Bridge Deck ...			Awnings or Shelter Dk.			Upper			Second			Third			Spacing.			Transverse Beams.		
			6			3			40			6			3			40			29 1/2 31		
			7			3			44			7			3			44			30 1/2 31		
			12x4x4			12x4x4			12x4x4			12x4x4			12x4x4			12x4x4					
			18x4x4			18x4x4			18x4x4			18x4x4			18x4x4			18x4x4					
			24x4x4			24x4x4			24x4x4			24x4x4			24x4x4			24x4x4					
			6			6			6			6			6			6					
			56			56			56			56			56			56					
			Water Capacity.			Tons.			111			72											

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

150,10,11.—T.

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. 4589

Date 23.4.1915

No. 893 in builder's yard.

DATES OF SURVEYS held while building

1915
Apr. 7. 21. Jun. 8. 11. Dec. 8. 1916
Jan. 7. 10. 20. 21. Feb. 9. Mar. 7. 15. 22. Apr. 11. May 1. 12. Jun. 5. 7. 21. Aug. 24. Sep. 7. 15. 22.
Oct. 2. 12. 18. 25. 31. Nov. 1. 30. Jan. 11. 24. 26. Feb. 9. Mar. 12. 19. 23. Apr. 3. 10. 13. 14. 16. 17. 18. 19. 20. 23. 24. 25. 26.
27. 28. 30. May 1. 2. 3. 4. 5. 7. 8. 9. 10. 11. 14. 15. 16. 18. 21. 25. Jun. 6. 13. 20. Jul. 3. 25. 27. Aug. 1. 15.
Sept. 4. 8. 14.

Surveyor's Signature Thomas S. Shute

Total No. of Visits 80

GENERAL REMARKS—(continued).

This vessel was placed in Messrs Swan & Hunter's Dry Dock, wall-sided & the bottom was cleaned, examined & painted.

Mr. Mease plate a Starboard side in way of forward deep tank, which was stated to have been indicated by vessel striking quay wall when vessel was entering dry dock. Has now been fixed in place.

M. Suddan.

W568-0061 3/3

"British Ensign"

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.	
	In Ship.			In oil Spaces.			Per Rule or as approved.			Per Rule or as approved.			Spacing of Rivets on each side of Transverses and Bulkheads.	Rivets in Brackets to Bulkheads.
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Inches.	Number.
Framing of L. & S. ...														
Frames in Bridge 'tween Decks ...	7	3 1/2	40				7	3 1/2	40					
Frames from Uppermost Continuous Deck	6	3 1/2	36	6	3 1/2	36	6	3 1/2	36	6	3 1/2	36	1 6	6
Aft, Shelter or Upper Deck to Main Plate, Centre Line.	2	6	3 1/2	38	6	3 1/2	38	6	3 1/2	38	6	3 1/2	38	"
	3	6	3 1/2	38	6	3 1/2	38	6	3 1/2	38	6	3 1/2	38	"
	4	7 1/2	3 1/2	40	7 1/2	3 1/2	40	7 1/2	3 1/2	40	7 1/2	3 1/2	40	7/8
	5	8	3 1/2	40	8	3 1/2	40	8	3 1/2	40	8	3 1/2	40	"
	6	8 1/2	3 1/2	44	8 1/2	3 1/2	44	8 1/2	3 1/2	44	8 1/2	3 1/2	44	"
	7	9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	9	3 1/2	44	"
	8	9 1/2	3 1/2	44	9 1/2	3 1/2	44	9 1/2	3 1/2	44	9 1/2	3 1/2	44	"
	9	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	10	3 1/2	44	"
	10	10 1/2	3 1/2	44	10 1/2	3 1/2	44	10 1/2	3 1/2	44	10 1/2	3 1/2	44	"
	11	10 1/2	3 1/2	48	10 1/2	3 1/2	48	10 1/2	3 1/2	48	10 1/2	3 1/2	48	"

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 100.5 ft., R.Q.D. 4 ft., Bridge 32.33 ft., Forecastle 44.33 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). 2 D^{ts} (S^{ts}) + web frames. Longitudinal Framing.

Official No. ; Signal Letters. State if Machinery is fitted aft Yes.

How are the surfaces preserved from oxidation? Inside (Oil Spaces) = Part cement only. Elsewhere = Cement & paint. 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,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	41'3"	89	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom		89	(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. 4589

Date 23.4.1915.

No. 893, in builder's yard.

DATES of Surveys held while building

1915 Apr. 7. 21. Jun. 8. 11. Dec. 8. Jan. 7. 10. 20. 21. Feb. 9. Mar. 7. 15. 22. Apr. 11. May 1. 12. Jun. 5. 7. 21. Aug. 14. 17. 25. 28. Oct. 2. 12. 18. 25. 31. Nov. 1. 30. 1917 Jan. 11. 24. 26. Feb. 9. Mar. 12. 19. 28. Apr. 3. 10. 13. 14. 16. 17. 18. 19. 20. 23. 24. 25. 26. 27. 28. 30. May 1. 2. 3. 4. 5. 7. 8. 9. 12. 11. 14. 15. 16. 18. 21. 25. Jun. 6. 13. 20. Jul. 3. 25. 27. Aug. 1. 16. Sept. 4. 8. 14.

Surveyor's Signature Thomas S. Shute

Total No. of Visits 80