

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London *PRY JAN 1 1918*

Date of completion of report  
Survey held at

State if Report is also sent on the Machinery of the Vessel *Yes.*

*9<sup>th</sup> Nov/18* Port of *Newcastle-on-Tyne* No. *70583*  
Date, First Survey *10<sup>th</sup> April 1917* Last Survey *27<sup>th</sup> December 1917*

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

TONNAGE under *2843.16*  
Tonnage Deck...  
Do. between Tonnage Dk. and 3rd and 4th Dk.  
Total under Upper Dk.  
Do. of Poop *87.03*  
Do. of R.Q.Dk. *29.54*  
Do. of Bridge House *4.98*  
Do. of Forecastle *100.00*  
Do. of Houses on Dk. *44.41*  
Do. of excess of Hatchways  
Do. above Crown of Engine Room...  
Gross Tonnage *3100.12*  
Less Crew Space *149.36*  
Less above Crown of Engine Room...  
TONNAGE FOR FEES... *2950.76*  
Less Engine Room *992.04*  
Less Navigation Spaces *113.33*

CLASS *100 A.1.* FEET.  
Breadth (greatest moulded) *46.5*  
Depth, at middle of length from top of keel to top of upper deck beams at side *25.5*  
Transverse Number *72.0*  
Length on deck from fore part of stem to after part of stern post *331.0*  
Longitudinal Number *23832*  
Depth "d," at middle of length (See Secs. 2 & 13) *20.70*  
Proportions—Depths to Length—Upper Deck Beam at side to top of keel *12.98*  
" " Long Bridge Deck Beam at side to top of keel *10.03*

Master *R.S. RODHAM*  
Year of appointment *1896*  
Built at *Walker-on-Tyne*  
When built *1917* Launched *16<sup>th</sup> Oct 1917*  
By whom built *Sir W. G. Armstrong Whitworth & Co. Ltd.*  
Owners *The Shipping Controller*  
Managers *Wm. Steel & Co. Ltd.*  
Residence *London*  
Port belonging to *London*

Register Tonnage *1845.39* as cut on Beam...  
Destined Voyage *Harbour of Callao* Surveyed while Building, Afloat, or in Dry Dock *Build under special survey.*  
LENGTH on Deck as per Rule *331* 0 Feet. Inches. BREADTH—Moulded *46* 6 Feet. Inches. DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams *23* 2 1/4 Feet. Inches. No. of Decks with flat laid *One* No. of Tiers of Beams *One*  
Moulded depth, ft. *33* ins. *0* To Bridge Dk. Round of Upper Dk. Beam, Actual *11 3/4* ins.  
To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.			
FRAME, Angles, or E or L 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	9	3 1/2	62	" " Hold	2 1/4	S = 48-49	2 1/4
Do. in way of Double Bottoms at Solid Floors	6	3 1/2	34	" " Quarter 'tween Dks.,	1 3/4	S = 48	1 3/4
" " at intermdt. Bkts.	3 1/2	3 1/2	36	" " in Hold	"	"	"
Spacing of Frames from centre to centre amidships	24 1/2		24 1/2				
" " length to Collision bulkhead	24 1/2		24 1/2				
" " in peaks	3	3	34				
REVERSED FRAME, Angles	3 1/2	3 1/2	36				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	36				
" " at intermdt. Bkts.	7 floors on every frame.						
FRAMING, depth of girder	Bull angle = 9"						
FLOORS, depth and thickness of Floor Plates at mid line for 1 length amidships	40		40				
" in way of Engine and Boiler Spaces	Flanged on top edge.						
thickness at the ends of vessel	36	34	36				
depth at 1/2 the half breadth, as per Rule	36 7/8	40	36 7/8				
height extended at the Bilges	24 1/2		24 1/2				
FLOORS in Cell. Double Bottoms	39	48	39				
state if flanged (top & bottom)	Double	3 1/2	44				
Spacing of Solid floors	Double	3 1/2	36				
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	39	48	39				
" Angles, Top	Double	3 1/2	44				
" Bottom	Double	3 1/2	36				
" to Floors	Double	3 1/2	36				
Brackets at intermdt. frmg. with & thkns	One	34	One				
SIDE GIRDERS, number on each side & thickness	No flanging.						
state if flanged (top and bottom)	3 1/2	34	36				
Angles (top and bottom)	3	3	36				
" to Floors	3 1/2	34	36				
MARGIN PLATE, depth (exclusive of flange) and thickness	39	42	39				
Angle to Outside Plating	3 1/2	34	36				
" Floors	3 1/2	34	36				
Outside Brackets at intermdt. frmg. with & thkns	42	40	42				
Height of Outside Brackets above at bilge	3 1/2		3 1/2				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	For 2 1/2 x 52	39	52				
" in Engine and Boiler space	74 x 52	39	52				
" Remainder in Holds	44	40	44				
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	50				
In way of Long Bridge	9	3 1/2	42				
Spacing	24 1/2		24 1/2				
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	38				
Spacing	24 1/2		24 1/2				
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	42				
Angles on upper edge	24 1/2		24 1/2				
Spacing	24 1/2		24 1/2				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	42				
Angles on upper edge	24 1/2		24 1/2				
Spacing	24 1/2		24 1/2				
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	42				
Angles on upper edge	24 1/2		24 1/2				
Spacing	24 1/2		24 1/2				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	42				
Angles on upper edge	24 1/2		24 1/2				
Spacing	24 1/2		24 1/2				

STRAKES.	PLATING.								RIVETING.													
	AS IN SHIP.				PER RULE OR AS APPROVED.				EDGES. Ordinary or Jogged?				BUTTS.									
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		Breadth of Lap.		RIVETS.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Inches.	Diam.	Spacing or to cr.	Inches.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.		
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.		
FLAT PLATE KEEL.....	60	.90	.64	.64	60	.90	.64	Double	6	1	4 1/2	Quad	3 1/8	1 1/8	4 1/2	-	-	16	7 L.			
GARBOARD OF A STRAKE		.58	.58	.58		.58	.44	"	"	5 1/2	7/8	3 1/2	D°	D°	7/8	3 1/2	-	-	12	" "		
B State actual thickness in way of Double Bottom.	68	.54	.44	.68	"	"	"	"	"	"	"	"	D°	5 L.	"	"	-	-	"	" "		
C	68	.54	.58	.68	"	"	"	"	"	"	"	"	"	"	"	"	-	-	"	" "		
D		.58	.44	.52	"	"	"	"	"	"	"	"	Double	7 L.	"	3 1/8	-	-	9	" "		
E		.58	.44	.58	"	"	"	"	"	"	"	"	"	"	"	"	-	-	"	" "		
F		.58	.42	.56		.58	.42	"	"	"	"	"	"	"	"	"	-	-	"	" "		
G		.58	.42	.56	"	"	"	"	"	"	"	"	"	"	"	"	-	-	"	" "		
H	68	.58				.45	.58	"	"	"	"	"	"	"	"	"	-	-	"	" "		
U. D. Sheerstrake	66	.58				.66	.58	"	"	"	"	"	"	"	"	"	-	-	"	" "		
Bridge	38	.60				.45	.60	Double	5 1/2	7/8	3 1/2	Double	7 L.	"	"	-	-	9	" "			
Side	57	.64				.45	.64						Quad	7 L.	7/8	3 1/2	-	-	12	7 L.		
L																						
M																						
N																						
O																						
P																						
Q																						
R																						
S																						
T																						
U																						
V																						
W																						
THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DELG. OF Flat Plate Keel	66	.76	.42	.42	66	.76	.42	Double	6	1	4 1/2	Quad	3 1/8	1	4	-	-	14	7 L.			
" Sheerstrakes Length and thickness.	68	.62	.42	.42	45	.62	.42	Double	6	1	4 1/2	Quad	7 L.	7/8	3 1/2	-	-	12	7 L.			
POOP SIDES																						



GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 33 ft., R.O.D. 4 ft., Bridge 98 ft., Forecastle 29 ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated The Poop and Bridge are separate erections

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) One Ok (etc.)

Official No. \_\_\_\_\_; Signal Letters \_\_\_\_\_ State if Machinery is fitted aft No.  
How are the surfaces preserved from oxidation? Inside Portland Cement Spawit 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,	<u>102</u>	<u>214</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>39</u>	<u>133</u>	After peak tank,		<u>103</u>
<del>Double bottom, if under Engines only,</del>			Deep tank, aft,		<u>131</u>
<del>Double bottom, if under Boilers only,</del>			Deep tank, forward,		
Double bottom, forward,	<u>143</u>	<u>367</u>	Other tanks, if fitted,		
	Total capacity of double bottom <u>284</u>	<u>714</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 Yes

Order for Special Survey No. 4691

Date 11.5.1917

No. 925 in builder's yard.

DATES OF SURVEYS held while building

1917  
Apr. 10. 13. 27. May 9. 14. 16. 17. 22. 25. 31. Jun 6. 13. 19. Jul 3. 6. 12. 20. 27. Aug 1. 3. 8  
14. 15. 17. 21. 24. 28. 29. Sep 11. 13. 14. 17. 21. 24. 27. Oct 5. 8. 9. 11. 12. 15. 26. 30. Nov. 2. 28  
Dec 5. 10. 17. 19. 21. 24. 26. 27.

Total No. of Visits 53

Surveyor's Signature Thomas S. Skuse W. A. P. P. P.