

~~Awning or Shelter Deck,~~  
~~or Pt. Awning Deck.~~

STEEL STEAMER.

No. 67082

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

Port of *Newcastle-on-Lyne* Date of completion of Report *16<sup>th</sup> January 1915* Received at London Office *TUE. JAN. 26. 1915*  
Survey held at *Howdon-on-Lyne* Date, First Survey *19<sup>th</sup> Nov. 1913* Last Survey *14<sup>th</sup> January 1915*  
On the (State if Single, ~~Twin~~ *Triple* Screw) *S.S. Reading* Rig *Schooner*

TONNAGE under 3626.80  
Tonnage Deck  
Do. between Tonnage Dk. and 3rd, Ath. or Awning Dk.  
Total under Upper Dk. 65.89  
Do. of Poop 3.93  
Do. of ~~Engine Room~~ *House* 34.56  
Do. of Forecastl. 23.16  
Do. of Houses on Deck 41.74  
Do. of ~~Excess of Hatchways~~ *Excess of Hatchways* 5.20  
Do. above Crown of Engine Room  
Gross Tonnage 3801.33  
Less Crew Space 92.61  
Less above Crown of Engine Room  
TONNAGE FOR FEES... 3708.72  
Less Engine Room 12.643  
Less Navigation Spaces 96.38

CLASS 100A1  
Breadth (greatest moulded) 51.00  
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck 26.12  
Deduct height of green deck when this does not exceed 8ft.  
Transverse Number 77.12  
Length on deck from fore part of stem to after part of sternpost 374.6  
Longitudinal Number 28890  
Depth "d" at middle of length. See Secs. 2 & 13... 22.7  
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel 10.95  
" " Upper Deck at side to top of keel

Master *W. W. Williams*  
Year of Appointment (1) As Master in service of owner of present vessel - *1891*  
(2) As Master of this vessel *January 1915*  
Built at *Howdon-on-Lyne*  
When built *1914* Launched *26<sup>th</sup> May 1914*  
By whom built *Northumberland S.B.C. Ltd.*  
Owners *Levill & W. K. Garrying Co.*  
Managers *John Cory & Sons Ltd*  
(Where necessary to be entered in Reg. Book.)  
Residence *Cardiff*  
Port belonging to *Cardiff*

Register Tonnage 2395.91 Destined Voyage *Barcelona* If Surveyed while Building, Afloat, or in Dry Dock *Special Survey*

LENGTH on Deck as per Rule	FT.	INS.	BREADTH Moulded	FT.	INS.	DEPTH, ACTUAL Do.	FT.	INS.	No. of Decks with flat laid	No. of Tiers of Beams
374	0		51	0		26	9		Two	Two

Dimensions of Ship per Register, Length 374.9 breadth 51.3 depth 23.70 Upper Deck. Moulded depth, ft. 34 ins. 12 To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual 122 ins

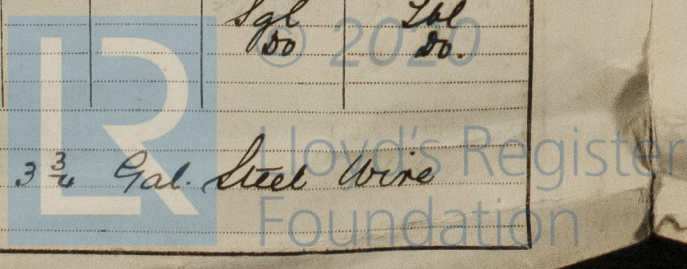
FRAMING.						PILLARS.					
FRAME, Angles, or <i>Frame 70 in Machinery Space</i>						PILLARS, In 'tween Deck, size and spacing					
Do. in peaks	3 1/2	3 1/2	4 1/2	6 1/2	3 1/2	" Hold	4 1/2	6 1/2	"	"	"
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	4 1/2	3 1/2	3 1/2	" Quarter, 'tween Dks.,	"	"	"	"	"
" " B.A. at intermdt. Bkts.	7 1/2	3 1/2	4 1/2	7 1/2	3 1/2	" In Hold	"	"	"	"	"
Spacing of Frames from centre to centre amidships	30	1	30			KEELSONS AND STRINGERS.					
" length to collision bulkhead	27	1	27			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" of Frames from centre to centre in peaks	24	1	24			" Rider Plate					
REVERSED FRAME, Angles	10 1/2	1	10 1/2			" Flat Keel Plate Angles					
Do. in way of Double bottoms at Solid Floors	7 1/2	3	4 1/2	7 1/2	3	" Horizontal Plates on Floors					
" " B.A. at intermdt. Bkts.	7 1/2	3	4 1/2	7 1/2	3	" Angles or Bulb Angles					
FRAMING, depth of girder	10 1/2	1	10 1/2			SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						" Angles or Bulb Angles					
" in way of Engine and Boiler spaces						" Plate above floors, for length					
" thickness at the ends of vessel						" Intercoastal Plate, for length					
" depth at 1/2 the half-bdth. as per Rule						" Attached to outside plating with Angle					
" height extended at the Bilges						BILGE KEELSON, Angles					
FLOORS, in Cell Double Bottoms	4 1/2	1	4 1/2	4 1/2	4 1/2	" Intercoastal Plate, for length					
" state if flanged (top and bottom)	7 1/2	3	4 1/2	7 1/2	3	" Attached to outside plating with Angle					
" spacing of Solid	4 1/2	1	4 1/2	4 1/2	4 1/2	SIDE STRINGERS, Number					
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	4 1/2	1	4 1/2	4 1/2	4 1/2	" Angle					
" Angles, Top	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2	" Intercoastal Plate, for lng.					
" Bottom	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2	" Attached to outside plating with Angle					
" to Floors	4 1/2	4 1/2	5 1/2	4 1/2	4 1/2	Awning or Shelter Deck Stringer Plates, breadth and thickness					
" Brackets at intermdt. frmg., wdth & thkns	3-6	38	3-6	38	3-6	" Angle on ditto	52	54	52	54	
SIDE GIRDERS, number and thickness	2-36	34	2-36	34	2-36	" Tie Plates, fore and aft, outside Hatchways	42	42	56	42	56
" state if flanged (top & bottom)	7 1/2	3	4 1/2	7 1/2	3	" Deck, * Iron or Steel, for full lng.	38	32	38	32	
" Angles	3 1/2	3 1/2	38	3 1/2	3 1/2	" Wood Deck, Material & thickness	63	42	63	42	
MARGIN PLATE, depth (exclusive of flange) and thickness	34	44	34	44	34	Upper Deck Stringer Plate, breadth and thickness	63	42	63	42	
" Angles to outside plating	3 1/2	3 1/2	44	3 1/2	3 1/2	" Angles on ditto, No. two	3 1/2	3 1/2	46	3 1/2	46
" to floors	3 1/2	3 1/2	38	3 1/2	3 1/2	" Tie Plates, outside Hatchways					
" Brackets at intermdt. frmg., wdth & thkns	3-0	38	3-0	38	3-0	" Deck, * Iron or Steel, for full lng.	30		30		
" Height of Brackets above at bilge	2-9		2-9		2-9	" Wood Deck, Material & thickness					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	72	48	41	48	41	Second Deck Stringer Plates, br'dth & thckn's					
" thickness in Engine and Boiler space	53	46	38	54	53	" Angles on ditto, No.					
" Remainder in Holds	42	38	42	38	42	" Tie Plates, outside Hatchways					
BEAMS, Awning or Shlter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 1/2	3	54	8 1/2	3	" Deck, * Material and thickness					
" Spacing	9	3 1/2	50	9	3 1/2	Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	9	3 1/2	50	9	3 1/2	" Angles on ditto, No.					
" Spacing	9	3 1/2	50	9	3 1/2	" Tie Plates, outside Hatchways					
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Deck, Material and thickness					
" Angles on upper edge						Poop Deck Stringer Plate, breadth & thickness					
" Spacing						" Angles on ditto					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Tie Plates					
" Angles on upper edge						" Deck, Material and thickness					
" Spacing						Bridge Deck Stringer Plate, br'dth & thickness					
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Angle on ditto					
" Angles on upper edge						" Tie Plates					
" Spacing						" Deck, Material and thickness					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						Forecastle Deck Stringer Plate, br'dth & th'kns					
" Angles on upper edge						" Angle on ditto					
" Spacing						" Tie Plates					
						" Deck, Material and thickness					

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WEB FRAMES. WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness No. of Side Stringers WEB-FRAMES, In Aft Body, No. and spacing brdth. & thickness No. of Side Stringers BRACKET PLATES to Stringers between Web Frames, depth and thickness. FORGINGS & CASTINGS. KEEL, Bar, depth and thickness STEM, moulding and thickness STERN-POST for Rudder do. do. RUDDER-A x D\* Table 22. Speed Main-Piece, diameter at head at heel. BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up, state deck. W.T. BULKHEADS COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. RIVETING. Butts, Side Stringers Tie Plates Inner Bottom Plating, riveting of Edges Centre Girder Butts, Keelson Butts. Frames, riveted through Plates with Rivets, state whether Iron or Steel. FRAMES extend in one length from REVERSED FRAMES on floors and frames extend from MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. Suit of Sails, and the following spare sails.

Write "Afting or Shelter Deck" or "Shore Strake" opposite the corresponding letter.









GENERAL REMARKS—(continued).

WEB-FRAME

" " N

WEB-FRAME

" " "

WEB-FRAME

" " S

BRACKET

Web F

BULKHEAD

Aft Peak

W.T.B.U.

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G

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ ft.  
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Complete Shelter Deck*  
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) *10th (SH) and Shelter 0th (SH)*  
Official No. *136968*; Signal Letters \_\_\_\_\_  
How are the surfaces preserved from oxidation? Inside *Paint and Cement* State if Machinery is fitted aft *Amidships* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.			Cellular System		
Where Fitted.			Where Fitted.		
	*Length. Feet.	Water Capacity. Tons.		*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>120</i>	<i>380</i>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<i>42-6</i>	<i>180</i>	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,	<i>18</i>	<i>145</i>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<i>161-6</i>	<i>570</i>	Other tanks, if fitted,		
Total capacity of double bottom <i>1130</i>			(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. *4446*

Date *20.8.1913*

No. *214* in builder's yard.

DATES of Surveys held while building

*1913 Nov. 19. Dec. 24. 8. 10. 12. 14. 18. 30 1914 Jan 7. 8. 12. 14. 19. 20. 23. 27. Feb 3. 25. 27. Mar 7. 23. 26. 31. Apr 3. 6. 8. 20. 27. 29. May 4. 6. 7. 12. 13. 19. 21. 25. Sep 11. Nov. 20. 26. Dec. 1. 3. 8. 9. 14. 15. 21. 24. 31. 1915 Jan 6. 7. 12. 13. 14.*

Surveyor's Signature *Alex Munro*

*S. J. Milton*

Total No. of Visits *55*

Rigging, Material and Size,

Sails.

*5 1/4 Gal. Steel wire*

Suit of

Sails, and the following spare sails.