

Awning or Shelter Deck, or Pt. Awning Deck.

STEEL STEAMER.

No. 8768.

State if Report is also sent on the Machinery of the Vessel *Yes*
 Port of *Middlesbrough* Date of completion of Report *14.12.14* Received at London Office *TUE. DEC. 15. 1914*
 Survey held at *Stockton-on-Tees* Date, First Survey *April 16th 1914* Last Survey *December 5th 1914*
 On the *Steamer* *Ballin* Rig *Schooner*

TONNAGE under *4331.43*
Tonnage Deck *4331.43*
 Do. between Tonnage Dk. and
 3rd, 4th, or Awning Dk. *0*
Total under Upper Dk. *4331.43*
 Do. of Poop Trunk *30*
 Do. of R. Or. Dk. *0*
 Do. of Bridge Houses *99.23*
 Do. of Forecastle *64.97*
 Do. of Houses on Deck *6.75*
 Do. of excess of Hatchways *9.73*
 Do. above Crown of
 Engine Room *79.23*
Gross Tonnage *4591.64*
 Less Crew Space *124.28*
 Less above Crown of
 Engine Room *79.23*
TONNAGE FOR FEES *4388.13*
 Less Engine Room *1469.32*
 Less Navigation Spaces *113.18*
 Less 79
Register Tonnage *2804.86*
 as cut on Beam *2804.86*

CLASS *+100 at Shelter Deck*
Breadth (greatest moulded) *53.3*
Depth at middle of length from top of keel to top of
 beams at side of uppermost Continuous Deck *28.0*
Deduct height of tween deck when this does not exceed 8ft.
Transverse Number *81.31*
Length on deck from fore part of stem to after part of
 sternpost *388.0*
Longitudinal Number *313.00*
Depth "d" at middle of length. See Secs. 2 & 13 *24.62*
Proportions, Depths to Length, Uppermost Continuous
 Deck at side to top of keel *10.69*
 " " " Upper Deck at side
 to top of keel *13.75*
Destined Voyage *✓* **Surveyed while Building, Afloat, or in Dry Dock** *70*

Master *C. A. Goodwin*
Year of Appointment *1914*
Built at *Stockton-on-Tees*
When built *1914* **Launched** *20.10.14*
By whom built *Robt. Hens Ltd*
Owners *West Bros & Gylsen Ltd*
Managers *✓*
 (Where necessary to be entered in Reg. Book.)
Residence *101 Leadenhall St. London*
Port belonging to *London*

LENGTH on Deck as per Rule *388.0* **BREADTH** Moulded *53.3* **DEPTH, ACTUAL** Top of Floors to top of Awning or Shelter Dk. Beams *28.0*
 Do. do. Upper Deck Beams *24.62*
 Dimensions of Ship per Register, Length *388* breadth *53.3* depth *28.0* Upper Deck. Moulded depth, ft. *28* ins. *0* To Awning or Shelter Dk. Round up of Uppermost Dk. Beam, Actual *28.0*
 Moulded depth, ft. *24* ins. *0* To Upper Dk.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule		Inches Size in Ship.	Inches Spacing in Ship.	Inches per Rule. Or as Approved.	Inches per Rule.	
FRAME, Angles, or C or L Bars, amidships	12x3 1/2 x 3 1/2 x 56			12x3 1/2 x 3 1/2 x 56		PILLARS, In 'tween Deck, size and spacing	2 1/2	5 1/2	8 1/2	52	
Do. in peaks	7	3 1/2	4 1/2	7	3 1/2	" " Hold	4 1/2		6 1/4		
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.,	Wide span and pillars				
" " J at intermdt. Bkts.	7 1/2	3 1/2	4 1/2	7 1/2	3 1/2	" in Hold	8 girders				
Spacing of Frames from centre to centre amidships	26	1		26		KEELSONS AND STRINGERS.					
" length to collision bulkhead	24			24		CENTRE LINE KEELSON, Vertical Plate above					
" of Frames from centre to centre in peaks						floors, Through Plate, or Intercoastal Plate					
REVERSED FRAME, Angles						" Rider Plate					
Do. in way of Double bottoms at Solid Floors						" Flat Keel Plate Angles					
" " J at intermdt. Bkts.	7	3 1/2	4	7	3	" Horizontal Plates on Floors					
FRAMING, depth of girder						" Angles or Bulb Angles					
FLOORS, depth and thickness of Floor Plate						SIDE KEELSONS, Number					
at mid-line for 3/4 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 3/4 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		4-36			4-36	" Intercoastal Plate, for				length	
" state if flanged (top and bottom)		Part 46				" Attached to outside plating with Angle					
" spacing of Solid	52	1		52		SIDE STRINGERS, Number					
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	42	1-52	41	42	5-4	" Angle	6 1/2	3 1/2	6 1/2	3 1/2	
" Angles, Top	3 1/2	3 1/2	4 1/2	3 1/2	5 1/2	" Intercoastal Plate, for		4 1/2		4 1/2	
" Bottom	4 1/2	4 1/2	5 1/2	4 1/2	5 1/2	" Attached to outside plating with Angle	3 1/2	3 1/2	4 1/2	3 1/2	
" to Floors	3 1/2	3 1/2	4	3 1/2	4						
" Brackets at intermdt. frmg., width & thcknss	30	14	36	30	4-36	Awning or Shelter Deck Stringer Plates,	53-34 x 54/42		53-34 x 54/42		
IDE GIRDERS, number and thickness	Two	38-36		Two	38-36	breadth and thickness	4 1/2 x 4 1/2	1-58	4 1/2 x 4 1/2	1-58	
" state if flanged (top & bottom)		Part 46				" Angle on ditto					
" Angles	3 1/2	3 1/2	4 1/2	3 1/2	4 1/2	" Tie Plates, fore and aft, outside Hatchways					
MARGIN PLATE, depth (exclusive of flange)	37 1/2		46 1/2	36	46	" Deck * Iron or Steel, for		4 1/2 x 37		4 1/2 x 37	
" and thickness						Full lng.					
" Angles to outside plating	3 1/2	3 1/2	4 1/2	3 1/2	4 1/2	" Wood Deck, Material & thickness					
" to floors	3 1/2	3 1/2	4 1/2	3 1/2	4 1/2	Upper Deck Stringer Plate, breadth and	47-34 x 46 1/2		47-34 x 46 1/2		
" Brackets at intermdt. frmg., width & thcknss	32	4	36 1/2	32	4-36	thickness	Two	4 1/2 x 3 1/2	4 1/2 x 3 1/2	4 1/2 x 3 1/2	
" Height of Brackets above at bilge	41			41		" Angles on ditto, No.					
INNER BOTTOM PLATING, breadth and	59 1/2	5-14		42	5-4	" Tie Plates, outside Hatchways					
thickness of Middle Line Strake	1-52	1-58	1-56 1/2	1-52	1-56 1/2	" Deck * Iron or Steel, for		3		3	
" thickness in Engine and Boiler space		4-34			4-34	Full lng.					
" Remainder in Holds						" Wood Deck, Material & thickness					
BEAMS, Awning or Shlter Dk, Single Angle,	6	18	4	6	3	Second Deck Stringer Plates, br'dth & thckn's					
Bulb Angle, Plate, Tee Bulb or Channel						" Angles on ditto, No.					
" Spacing	26			26		" Tie Plates, outside Hatchways					
BEAMS, Upper Deck, Single Angle, Bulb Angle,	6 1/2	3	4	6 1/2	3	" Deck * Material and thickness					
Plate, Tee Bulb or Channel						Third, Fourth & Fifth Deck Stringer Plate,					
" Spacing	26			26		breadth and thickness					
BEAMS, Second, Third & Fourth Deck, Single						" Angles on ditto, No.					
Angle, Bulb Angle, Plate, Tee Bulb or Channel						" Tie Plates, outside Hatchways					
" Angles on upper edge						" Deck. Material and thickness					
" Spacing						Poop Deck Stringer Plate, breadth & thickness					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate,						" Angles on ditto					
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,						" Angle on ditto					
Tee Bulb or Channel						" Tie Plates					
" Angles on upper edge						" Deck. Material and thickness					
" Spacing						Forecastle Deck Stringer Plate, br'dth & th'kns					
BEAMS, Forecastle Deck, Angle, Bulb Angle,						" Angle on ditto					
Plate, Tee Bulb or Channel						" Tie Plates					
" Angles on upper edge						" Deck. Material and thickness					
" Spacing											

[illegible]

19-12-15 1914

EQUIPMENT No. 33930 LETTER <i>Y</i> ✓												ANCHORS.					
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.			
42973	1st Bower	60	2	0	41	0	0	48	12	2	0	60	0	0	<i>Jaylors "all forged"</i>	<i>J. Jaylors & Sons</i>	<i>21 Nov 30.9.14. C.E. Roper</i>
42974	2nd "	60	0	14	40	3	0	48	7	2	0	60	0	0	"	"	" " " " "
42969	3rd "	51	2	0	36	0	0	48	6	1	0	50	2	0	"	"	" " " " "
	Collective weight	172	0	14	<i>Shack</i>							170	2	0			" " " " "
18500	Stream	16	3	0	4	0	31	18	0	2	14	16	1	0	<i>Common</i>	"	<i>21 Nov 30.9.14. C.E. Roper</i>
18501	Kedge	7	0	14	1	3	7	9	7	0	21	7	0	0	"	"	" " " " "

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CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Fathoms and size per Table 31.		Length.	Cir.
	Fathoms.	Diam.	Tons.	Break-ing.	Supplied.	Per Rule.	Fathoms.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.		
7795	270	2 1/16	86 1/2	120 1/2	645.3.2	645.3.0	270	2 1/16	link	J. Jaylors & Sons	21 Nov 30.9.14. C.E. Roper	TOWLINE	120	4 3/4	47	120	4 3/4		
												HAWSERS & WARPS	2090	3 1/8	18	2090	3		
												"	"	23 1/2	15 1/2	"	23 1/2		
												"	"	7		"			
												"	"	6		"			

Boats Two 25' Life: one 18' Jolly.
Pumps, Number 2 down on 1 bulge. Hand to 11 in 1/2.
Windlass is Emerson Walker & Thompson 11 in 1/2.
Engine Room Skylights.—How constructed? Plate & angles
Coal Bunker Openings.—How constructed? ..
Number of **Scuppers**, and numbers and dimensions of **Freeing Ports, &c.** 7 Port one each side 2'1" x 1'8". Scuppers 8 each side
Ceiling in Holds, thickness and material 2 1/2" Mr Hatch & timber only **Cargo Battens**, thickness and material 2" Mr J
Cargo Hatchways.—How formed? Plate & angles
State size **No. 1 Hatch** Forward 28'2" x 20' **No. 2 Hatch** 17'4" x 18' **No. 3 Hatch** 10' x 10' **No. 4 Hatch** ..
Number of **Web Plates, Shifting Beams and Fore and Afters** to each Hatch 201. 2. 4 1/2. Five. No 3, three. No 6. One.
Bulwarks, height above deck and description 26' x 25' ..
The foregoing is a correct description.
Builder's Signature (here only) J.W. Smith
Surveyor's Signature D.H. Baker
Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) M. 16. 31 Dec. 1913
M. 31. Jan. E. 17 Mar. M. 14 Apr. 30 June. 11. 16 Sep. 1914
Workmanship. Are the butts of plating planed or otherwise fitted? Planed
Is the riveted work properly closed? Yes
Are the liners between the frames and plates solid single pieces? Yes
to plate, &c., conform well to each other? Yes
from the faying surfaces? Yes
Do the holes for riveting plate to frames, butt straps, or plate
Are the rivet holes well and sufficiently countersunk in the plate and punched
Do any rivets break into or through the seams or butts of the plating? A few
Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Yes
State results of tests Satisfactory
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? ..
State results of tests ..
General Remarks (State quality of workmanship, &c.) Good

This vessel has been built in accordance with the approved plans, the Secretary's orders of above dates, and in general conformity with the Rules for the class contemplated. Shaving gear tried and found efficient. Freeboard assigned, marked & painted.

5 Plans and 3 forging reports are forwarded herewith together with a copy of the ship as built.

This is a sister vessel to the S.S. Belgic. M.B. report no 875-1

The Surveyor should state the Number of Report and Name of any Sister Vessel built or Yard Number of any building.

The amount of Entry Fee £ 5 : 0 : 0
Special Survey Fee £ 134 : 14 : 0
Traveling Expenses, if any £ .. : .. : ..
Fees applied for, 11/12/1914
Received by me, 15/12/14
Certificate to be sent to Middlesbrough Date of issue 18/12/14
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed +100 at. Shutter back
With, or without Freeboard, as condition of Class With
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute FRI. DEC. 18. 1914
Character assigned 100 at
checked and ftd.
D.H. Baker
+ L.M.B. 12. 14.
W.

GENERAL REMARKS—(continued).

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.

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 Stk (Osl) + Shelter Stk (Osl)*

Official No. *136726*; Signal Letters _____ State if Machinery is fitted aft *no*

How are the surfaces preserved from oxidation? Inside *Paint + Amel* Outside *Paint*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>125.66</i>	<i>360</i>	Fore peak tank,		<input checked="" type="checkbox"/>
Double bottom, under Engines and Boilers,			After peak tank,	<i>2.2</i>	<i>171</i>
Double bottom, if under Engines only,	<i>26.0</i>	<i>103</i>	Deep tank, aft,		<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,			Deep tank, forward,		<input checked="" type="checkbox"/>
Double bottom, forward,	<i>171.16</i>	<i>876</i>	Other tanks, if fitted,		<input checked="" type="checkbox"/>
Total capacity of double bottom		<i>1039</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. *Direct to London.*
Date *19.3.14.*

No. *491* in builder's yard.

DATES of Surveys held while building

1914. Apr. 16. 22. 28. May 7. 13. 14. 20. 26. Jun 4. 12. 17. 23. 24. Jul. 3. 15. 22. 28. Aug 8. 13. 17. 24. 26. Sep. 3. 4. 10. 16. 21. 22. 23. 30. Oct. 2. 7. 8. 12. 16. 19. 22. 27. Nov. 2. 4. 9. 11. 16. 19. 20. 25. Dec. 5.

Total No. of Visits *47*

Surveyor's Signature

W. Baker

Lloyd's Register Foundation