

1 or 2 Dks., R.Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 17944

State if Report is also sent on the Machinery of the Vessel *Yes*Received at London Office, *THUR. 17 MAY*Date of completion of Report *15th May 1900*Port of *Glasgow*Date, First Survey *10th October 1899*Last Survey *2 May 1900*

1900.

Survey held at *Glasgow*On the *Steel Screw Steamer* "THE LADY BELLE"Rig *Schooner*Master *Robert Roberts*TONNAGE, under
Tonnage Deck. *217.23*

ONE OR TWO DECKED VESSEL.

CLASS *100 A1, Steel, Well Deck.*Year of appointment *(1) As master in service of
owner of present vessel: 18
(2) As master of this
vessel: 18*Do. of Poop *52.69*Do. of Raised Gr. *14.40*Dk. or Break. *18.95*of Bridge House *2.87*of Houses on Deck *8.39*of excess of Hatchways *27.41*above Crown of *340.94*Tonnage *340.94*ew Space *30.52*ove Crown of *27.41*ne Room *277.01*FOR FEES *197.61*Engine Room *7.26*avigation Spaces *27.41*Crown of Engine Room *99.55*er Tonnage *99.55*

t on Beam

Half Breadth (moulded) *12.00*Depth from upper part of Keel to top of Main Deck Bms. *11.20*

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) *21.25*1st Number *44.45*Length on deck from after part of stem to fore part of *139.0*

stern post

2nd Number *6145*Proportions—Breadths to Length *5.49*Depths to Length—Main Deck to top of Keel *12.41*Destined Voyage *If Surveyed while Building, Afloat, or in Dry Dock*Built at *Paisley*When built *1900* Launched *3rd April*By whom built *John Fullerton & Co.*Owners *George James*Managers *(Where necessary to be entered in Reg. Book.)*Residence *Carnarvon*Port belonging to *Carnarvon*

TH on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid
rule	139	0	Moulded	24	0	Top of Floors to top of Main Deck Beams	10	2	One
Dimensions of Ship per Register, Length, 140.4	breadth, 24.15	depth, 9.95	Moulded Depth, 10	ft. 8 1/2 ins.	Round of Beam, Actual 6	ins.			

FRAMING.						FORGINGS AND CASTINGS.							
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule or Rule		Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as	Inches per Rule. Or as Approved.		
KEEL, Angles, 7 E or L Bars , for $\frac{3}{4}$ length amidships	3	2 1/2	5	3	2 1/2	5	KEEL, Bar or Side Plates depth and thickness	<i>Flat plate</i>	<i>Rule</i>				
for $\frac{1}{2}$ at each end							STEM, moulding and thickness	$6\frac{1}{4} \times 1\frac{1}{2}$	$6\frac{1}{4} \times 1\frac{1}{2}$				
in way of Double Bottoms at Solid Floors							STERN-POST for Rudder do. do.	$6\frac{1}{4} \times 3$	$6\frac{1}{4} \times 3$				
" " at intermdt. Bkts.							" for Propeller	4	4				
nee of Frames from moulding edge to							MAIN PIECE of Rudder, diameter at head	$3\frac{1}{4} - 2\frac{3}{4}$	$2\frac{3}{4} - 2\frac{1}{4}$				
olding edge, all fore and aft							do. at heel						
ERSED FRAME, Angles	2 1/2	2 1/2	5	2 1/2	2 1/2	5	RUDDER, how constructed	<i>Forged iron frame, plated</i>					
P FRAMING, depth of girder							Can the Rudder be unshipped afloat?	<i>Yes</i>					
ORS, depth and thickness of Floor Plate	12 1/2	6	12 1/2	6	12 1/2	6	KEELSONS AND STRINGERS.						
at mid-line for $\frac{3}{4}$ length amidships							CENTRE LINE KEELSON, Vertical Plate above	$6\frac{1}{2}$	6	$6\frac{1}{2}$	6		
in way of Engines and Boilers							floors, Through Plate, or Intercoastal Plate	$6\frac{1}{2}$	6	$6\frac{1}{2}$	6		
thickness at the ends of vessel							" Rider Plate	$6\frac{1}{2}$	6	$6\frac{1}{2}$	6		
depth at $\frac{3}{4}$ the half breadth, as per Rule	9						" Bulb Plate to Intercoastal Keelson, Plate	5	5	5	5		
height extended at the Bilges	25					25	" Horizontal Plates on Floors						
ORS & BRACKETS, in Cell Dble Bottoms							" Angles	3	3	6	3		
" Distance apart							" SIDE KEELSON, Angles	3	3	6	3		
IRE GIRDER, in Double Bottom, depth							" Bulb Plate above floors for 24 lng.	6	5	6	5		
and thickness							" Intercoastal Plate for 24 length		5		5		
" Angles, Top							" Attached to outside plating with Angle	$2\frac{1}{2}$	$2\frac{1}{2}$	5	$2\frac{1}{2}$		
" Bottom							" BILGE KEELSON, Angles	3	3	6	3		
E GIRDERS, number on each side & thickness							" Bulb Plate above floors for 24 len.	6	5	6	5		
" Angles							" Intercoastal Plate for 24 length		5		5		
GIN PLATE, depth (exclusive of flange)							" Attached to outside plating with Angle	$2\frac{1}{2}$	$2\frac{1}{2}$	5	$2\frac{1}{2}$		
and thickness							" BILGE STRINGER Angles	3	3	6	3		
" Angles to Outside Plating							" Bulb Plate for 25 length	$5\frac{1}{2}$	5	$5\frac{1}{2}$	5		
ER BOTTOM PLATING, breadth and							" Intercoastal Plate for length						
thickness of Middle Line Strake							" Attached to outside plating with Angle						
" thickness in Engine and Boiler space							" SIDE STRINGER Angles <i>for 1, 4 Angles aft.</i>	3	3	6	3		
" Remainder in Holds							" Bulb or Intercoastal Plate for <i>full</i> lng.	12	7	12	7		
AMS, Main and Raised Quarter Deck,	4	2 1/2	6	4	2 1/2	6	" Attached to outside plating with Angle	3	3	6	3		
Single Angle, Bulb Angle, Plate or Tee Bulb							Main and Raised Quarter Deck Stringer	34	7	34	7		
" Angles on Upper Edge							Plate, breadth and thickness						
" Average space							" Angle on ditto	3×3	6	3×3	6		
AMS, Lower Deck, Single Angle, Bulb							" Tie Plates fore & aft, outside Hatchways	<i>Deck plating increased in thickness at large openings</i>					
Angle, Plate or Tee Bulb							" Diagonal Tie Plates on Bms, No. of Pairs						
" Angles on Upper Edge							" Main Dk* Iron or Steel for <i>full</i> lng.	6	6	6	6		
" Average space							" R. Q. Dk* Iron or Steel for <i>full</i> lng.	6	6	6	6		
AMS, Hold, Plate or Tee Bulb							" Wood Deck, Material & thickness	<i>None</i>					
" Angles on Upper Edge							Lower Deck Stringer Plate, breadth and						
" Average space							thickness						
AMS, Poop Deck, Angle, Bulb Angle, Plate							" Angles on ditto, No.						
or Tee Bulb							" Tie Plates, outside Hatchways						
" Angles on Upper Edge							" Deck* Material and thickness						
" Average space							Hold Stringer Plate						
AMS, Bridge or Pt. Awng. Deck, Angle,	4 1/2	3	7	4 1/2	3	7	" Angles on ditto, No.						
Bulb Angle Plate, or Tee Bulb							Poop Deck Stringer Plate, breadth & thickness						
" Angles on Upper Edge							" Angle on ditto						
" Average space							" Tie Plates						
AMS, Forecastle Deck, Angle, Bulb Angle,	4 1/2	3	7	4 1/2	3	7	" Deck, Material and thickness						
Plate or Tee Bulb							Bridge Deck Stringer Plate, brdth & thickness	12	5	12	5		
" Angles on Upper Edge							" Angle on ditto	$3 \times 2\frac{1}{2}$	5	$3 \times 2\frac{1}{2}$	5		
" Average space							" Tie Plates	6	5	6	5		
ARS, In 'tween Decks, Size and Spacing	2 1/2	42	2 1/2	42			" Deck, Material and thickness	<i>of pine</i>	$2\frac{1}{2}$	$2\frac{1}{2}$	5		
" Hold							Forecastle Deck Stringer Plate, brdth & thcknss	30	5	30	5		
" Quarter, 'tween Dks., "							" Angle on ditto	$3 \times 2\frac{1}{2}$	5	$3 \times 2\frac{1}{2}$	5		
" in Hold							" Tie Plate	<i>In centres</i>	48	5	48	5	
EB FRAMES, In Fore Body, No. and Spacing							" Deck, Material and thickness	3	3				
" Brdth. & Thickness							* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.						
" No. of Side Stringers							BULKHEADS.						
EB FRAMES, In E. & B. Space, No. & Spacing							In Vessel.	Number.	Per Rule.	Thickness.	Horizontal.		
" Brdth. & Thickness	12	5	12	5			Size.	Spacing.	Size.	Spacing.	Single or Double Frames.		
FRAMES, In After Body, No. and Spacing							Inches.	Inches.	Inches.	Inches.	Height up.		
" Brdth. & Thickness							W.T. BULKHEADS	3	3	5	$3 \times 2\frac{1}{2}$	<i>48</i>	<i>all Dk</i>
" No. of Side Stringers							PARTITION	1		5	$2\frac{1}{2} \times 2\frac{1}{2}$	<i>48</i>	<i>single Dk</i>
" Size of Angles or Tee Bars to Web Frames	2 1/2	2 1/2	5	2 1/2	2 1/2	5	LONGITUDINAL						
CKET PLATES to Stringers between													
Web Frames, Depth and Thickness													

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.	Diam.	Spacing or to cr.	Breadth.	Thick-ness.	Breadth.	Thick-ness.				
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.													
FLAT PLATE KEEL.....	31	12	10	10	31	10													
GARBOARD OF A Strake...	31	10	10	10			Double	5 1/4	3 1/4	3 1/2	3 1/4	3 1/4	16 3/4	3 1/2	9				
State actual thickness in way of Double Bottom.																			
B "		9	7	7				4 1/2	3 1/4	3					7 1/2				
C "		10	8	8															
D "		9	8	8															
E "		7	6	6			Single	2 1/2											
F "	32	11	8	8	32	10	Double	4 1/2							9				
G "																			
H "																			
J "																			
K "																			
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING of Flat Plate Keel																			
Length of Bilges.....																			
Length of Sheerstrakes.....																			
Length of Strake below																			
POOP SIDES.....		6	7/8	at Break															
RAISED QUARTER DECK SIDES		5																	
BRIDGE SIDES.....																			
FORECASTLE SIDES.....																			
LENGTHS OF PLATING.....																			

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.: *Sumner process.*

Plates and angles. *Consist.*

Has the Steel been tested as required by the Rules *Yes*

FRAMES extend in one length from *Keel* to *gunwale*

REVERSED FRAMES on floors and frames extend from *centre to upper turn of bilge in way of main deck* to *stringer and R.Q.D. alt. and to deck in way of forecastle.*

MASTS, SPARS, &c.

LOWER MASTS....	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.
			At Partners.	Heel.	Head.		Number.	Size.	
Fore.....	P.Pine	55.7	13						
Main.....	"	45.3	13						
Mizen.....	"	35.0	12						

Bowsprit *✓*

Topmasts, *Yards* and Remainder of Spars *P.Pine*

Rigging, Material and Size, Shrouds *Sails, steel wire for main 2 1/2, Mizzen 2 1/2*

Sails. *One* Suit of *Sails and the following spare sails*

EQUIPMENT No. *6460* LETTER *e* TONNAGE FOR TRAWLERS *✓* U.D.K. ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.	
35112	1st Bower ..	8	1	0	10	7	2	0	5	1	0	10	7	2	0	5	1	0
38235	2nd " ..	8	0	0														
	3rd " ..																	
	Collective weight	16	1	0														
38058	Stream	2	0	0	2	4	10	0	0	2	0	0	2	0	0	2	0	0
	Kedge	1	1	5														

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.
			Supplied.	Per Table 22.								
15044	165 1/2	1 1/2	23 3/4	17.2	17.2	16 5/8	16	16 5/8	S. Taylor & Son, R.M.C. 19.2.00. Welford	TOWLINE	75	7
			15 1/2	15 1/2		15 1/2	16			HAWSER	90	5
										WARP		
	45	2 1/4	10 1/2			45 1/2	2 1/4		Barlow & Co.			

Boats *One lifeboat and one other*

Pumps, Number *Two* Diameter of Barrel *4 1/2, 2 1/2* State whether they are in efficient working order *Yes*

Windlass is *6 x 9. M. Onie.* Capstan *✓*

Engine Room Skylights.—How constructed? *Of glass*

What arrangements for deadlights in bad weather? *Iron guards to glass.*

Coal Bunker Openings.—How constructed? *Plates & angles* How are lids secured? *Battened down* Height above deck? *7-3*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 3 Scuppers, 3 Freeing Ports 2-3 x 1-*

Ceiling in Holds, thickness and material *P.Pine 2* Ceiling 'tween Decks, thickness and material *W.Pine 1 1/2*

Cargo Hatchways.—How formed? *Plates and angles* Hatches.—If strong and efficient? *Yes 2 1/2*

State size No. 1 Hatch (Forward). *21-0 x 10-0* No. 2 Hatch *17-6 x 10-0* No. 3 Hatch *✓* No. 4 Hatch *✓*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *No. 1 Two web plates, No. 2 One web plate. 3rd for and afters in each hatch.*

No. of Breasthooks *Five* No. of Crutches *Two*

Bulwarks, height above deck and description *4-0 7/8 steel* Main Rail, material and size *Steel Bull Angle 5 x 2 1/2*

The above is a correct description. *John Luntton* Surveyor's Signature *Allison B. Wilson* Surveyor to Lloyd's Register of British and Foreign Shipping

Builder's Signature (here only) *John Luntton*

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

M. 16-5-99. 12-4-00

26-7-99

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* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes*

Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes* 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. 23, par 24)? *Yes* State results of tests *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Yes* State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.) *Workmanship good.*

This vessel has been built in accordance with the approved plans. The Secretary letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this report, Plans of Midship Section, Profile and Deck, Pumping Arrangements and two Reports on Ships Joining.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

ARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *75.75* ft., Bridge Dk. *10.5* ft., F'castle *24* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated *The R.Q.D. is joined to the B.D.*

o. 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 Dk. (Steel)*

Official No. *✓*; Signal Letters *✓*

How are the surfaces preserved from oxidation? Inside *Portland Cement and Paint* Outside *Paint.*

ARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *✓*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	✓		Fore peak tank,	✓	43
Double bottom, under Engines and Boilers,	✓		After peak tank,	✓	
Double bottom, if under Engines only,	✓		Midship deep tank,	✓	
Double bottom, if under Boilers only,	✓		Other tanks, if fitted,	✓	
Double bottom, forward,	✓		(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*

For Special Survey No. *3323*

Date *9/6/99*

153 in builder's yard

DATES OF SURVEYS held while building

1899:—Oct. 10. 18. 25. Nov. 1. 2. 8. 20. 27. Dec. 1. 6. 11. 15. 20. 1900:—Jan. 2. 5. 10. 13. 19. 22. Feb. 2. 7. 13. 20. 27. Mar. 5. 13. 22. 27. 30. Apr. 2. 6. 11. 13. 20. 27. May. 31.

Total No. of Visits *36*

Amount of Entry Fee *£ 2 : : : 16/5/1900*

Special *£ 13 : 17 : : 13/5/00*

Certificate *£ : : : 18/5/00*

Travelling Expenses, if any *£ : : : 18/5/00*

Whether the Vessel has been built under Special Survey *Yes*

In opinion this Vessel should be Classed *100 A. 1. Steel. Well Deck.*

Without Freeboard, as condition of Class *✓*

* Certificate to be sent to *Glasgow.*

Surveyor to Lloyd's Register of British and Foreign Shipping. *Allison B. Wilson*

Committee's Minute

Character assigned

FRI. 18 MAY 1900

10001 (Steel)

asc. P. L. V. + L.M.C. 5.00 elect. light.