

(Received at London Office

TONNAGE under } 2500-11
Tonnage Deck.. }

~~ONE OR TWO DECKED VESSEL.~~

Master

Year of Appointment

(1) As master in service of
owner of present vessel:—1899
(2) As master of this
vessel 1892

Do. of Poop 1002.30

CLASS 100A

Built at Dundee

Wilt 1801 - 2 Launched

By whom built Alex^r Stephen & Sons

Owners Alex^r Stephen & Sons

Managers

Residence Marine Parade, Dundee

Port belonging to Dundee

Register Tonnage (2039.02

Destined Voyage *London to load for* *San Francisco* If Surveyed while Building, Afloat, or in Dry Dock *While Building Afloat*

LENGTH on deck as per rule	Fect. 300	Inches. 0	BREADTH— Moulded.....	Fect. 45	Inches. 0	DEPTH— Top of Floors to Upper Deck Beams..	Fect. 25	Inches. 8½	No. of Decks with Flat laid No. of Tiers of Beams	<i>Two</i> <i>Two</i>
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Dimensions of Ship per Register, Length 310.1 breadth 45.25 depth 25.5. Moulded depth, ft. 27 in. 12. Round up of Beam 12 ins.

FORGINGS AND CASTINGS.

HEEL, Bar or Side Plates, depth and thickness	11 x 2 3/4	11 x 2 3/4
STEM, moulding and thickness	11 x 2 3/4	11 x 2 3/4
STERN-POST, do. do.	10 x 3 full	10 x 3 full
MAIN-PIECE OF RUDDER, diameter at head..	7 1/2	7 1/2
" " " at heel..	6 3/4	6 3/4
RUDDER, how constructed	Forged frame, plated.	
Can the Rudder be unshipped afloat?	Yes	

FRAMING.

NAME, Angles, or Bars, for $\frac{1}{2}$ length amidships..	5 $\frac{1}{2}$	3 $\frac{1}{2}$	9	5 $\frac{1}{2}$	3 $\frac{1}{2}$	9
Do. for $\frac{1}{2}$ at each end	5 $\frac{1}{2}$	3 $\frac{1}{2}$	8	5 $\frac{1}{2}$	3 $\frac{1}{2}$	8
Do. in way of Double Bottoms						
Distance of Frames from moulding edge to moulding edge, all fore and aft	24			24		
REVERSED FRAME, Angles.....	4	3 $\frac{1}{2}$	8	4	3 $\frac{1}{2}$	8
FLOORS, depth and thickness of Floor Plate at mid line for $\frac{1}{2}$ length amidships..	29	10		29	10	
" thickness at the ends of vessel		9 $\frac{1}{2}$			9 $\frac{1}{2}$	
" depth at $\frac{1}{2}$ the half breadth, as per Rule ..	14 $\frac{1}{2}$			14 $\frac{1}{2}$		
" height extended at the Bilges	62			58		
FLOORS & BRACKETS, in C&D Bottoms						
" " distance apart						
CENTRE GIRDER, in Dbl. Btm., depth & thickness						
" " Angles, Top						
" " " Bottom						
SIDE GIRDERS, number and thickness						
" " Angles						
MARGIN PLATE, depth (exclusive of flange) and thickness.....						
" " Angles						
INNER BOTTOM PLATING, breadth & thickness of Middle Line Strake						
" " " Reinforcer						
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	11	10		11	10	
" " " Steel		20			20	
" " Angles on Upper Edge	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8
" " Average space.....	48			48		
BEAMS, Lower Deck, Plate or Tee Bulb	11	10		11	10	
" " " Steel		20			20	
" " Angles on Upper Edge	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8
" " Average space.....	48			48		
BEAMS, Hold, Plate or Tee Bulb						
" " Angles on Upper Edge						
" " Average space.....						
BEAMS, Poop or Bridge Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	8		5	8	
" " " Steel		20			20	
" " Angles on Upper Edge	7 $\frac{1}{2}$	7 $\frac{1}{2}$	8	7 $\frac{1}{2}$	7 $\frac{1}{2}$	8
" " Average space.....	3	3	8	3	3	8
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	3	8		3	8	
" " " Steel		20			20	
" " Angles on Upper Edge	48	48		48	48	
" " Average space.....	48	48		48	48	
PILLARS, In 'tween Decks, at Centre line. Size	28			28		
" " " Spacing	48			48		
" " " Quarter.....Size	28			28		
" " " Spacing	48			48		
" " In Holds, at Centre line	48			48		
" " " Spacing	48			48		
" " " Quarter.....Size	3 $\frac{1}{4}$			3 $\frac{1}{4}$		
" " " Spacing	96			96		
WEB FRAMES, Breadth and thickness.....						
" " Number and Spacing						
Number of Side Stringers, breadth and thickness.						
Size of Angles or Tee Bars to Web Frames.....						

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		21	14	21	14
"	Rider Plate	14	14	14	14
"	Bulb Plate to Intercoastal Keelson				
"	Horizontal Plates above floors				
"	Angles	6 1/2	4	9 1/2	6 1/2
"	Angles	6 1/2	4	9 1/2	6 1/2
SIDE KEELSON, Angles					
"	Bulb Plate for length				
"	Intercoastal Plate for length				
"	Attached to outside Plating with Angle	3 1/2	3 1/2	9	3 1/2
"	Attached to outside Plating with Angle	6 1/2	4	9 1/2	6 1/2
BILGE KEELSON, Angle					
"	Bulb Plate for length				
"	Intercoastal Plates for length				
"	Attached to outside Plating with Angle	9	3 1/2	10	9
BILGE STRINGER, Angles (Bulb)					
"	Bulb Plate for length				
"	Intercoastal Plates for whole length	14 1/2	10	14 1/2	10
"	Attached to outside Plating with Angle	3 1/2	3 1/2	9	3 1/2
SIDE STRINGERS, Angles (Bulb)					
"	Bulb Plate for length	9	3 1/2	10	9
"	Intercoastal Plate for whole length	14 1/2	10	14 1/2	10
"	Attached to outside Plating with Angle	3 1/2	3 1/2	9	3 1/2
Main Deck Stringer Plate, on end of Beams, breadth and thickness		4 3	10	4 3	10
"	Angle on ditto	4 1/2 x 4 1/2	10	4 1/2 x 4 1/2	10
"	Tie Plates fore and aft, outside Hatchways				
"	Diagonal Tie Plates on Bms., No. of Pcs.				
"	Flat of Deck*, material and thickness	Yellow Pine 3 1/2"		3 1/2"	
"	" " " "	Iron or Steel for whole length			
"	How fastened to Beams	Steel deck with bolts: wood sheathing with nut + screw bolts			
Lower Deck Stringer Plate, on ends of Beams, breadth and thickness		4 3	9	4 3	9
Is the Stringer Plate attached to the Outside Plating?		Yes			
"	Angles on ditto, No.	4 1/2 x 4 1/2	9	4 1/2 x 4 1/2	9
"	Tie Plates, outside Hatchways	17	10	17	10
"	Diagonal Tie Plates on Bms., No. of pcs.	17	10	17	10
"	Flat of Deck, material and thickness	White Pine 3"		3"	
"	How fastened to Beams	Nut and screw bolts			
Hold Stringer Plate, on end of Beams					
Is the Stringer Plate attached to the Outside Plating?					
"	Angles on ditto, No.				
"	Tie Plate outside Hatchways				
"	Flat of Deck, material and thickness	30	16	30	16
Pooper Bridge Deck Stringer Plate, breadth and thickness		40	10	40	10
"	Angle	3 1/2 x 3 1/2	7	3 1/2 x 3 1/2	7
"	Tie Plates on Beams	3 1/2 x 3 1/2	6	3 1/2 x 3 1/2	6
"	Flat of Deck, material and thickness	Yellow Pine 3 1/2"		3 1/2"	
Forecastle Deck Stringer Plate, b'dth & thkns		48	6	30	6
"	Angle	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8
"	Tie Plates on Beams	12	6	12	6
"	Flat of Deck, material and thickness	Yellow Pine 3 1/2"		3 1/2"	
PLATING.					
FLAT PLATE KEEL, breadth and thickness					
PLATES in Garboard Strakes, br'dth & thicken's		36	13	36	13
"	from Garboard to lower part of Bilges	12		12	
"	Bilges, number of Strakes, and thickness	Three	13		13
"	Of doubling at Bilge, or increased thickness, and length applied	Three Strakes increased to throughout			
"	from up. part of Bilge to lr. edge of Sh'rstrake	12		12	
"	Strake in way of Lower Deck Beams	13		13	
"	Sheerstrake, breadth and thickness	51	13	144	13
"	Poop or Bridge Sides	11	4 1/2	11	4 1/2
"	Forecastle Sides	7			
Lengths of Plating		Fourteen feet			

Order for Special Survey No. 541 Date 3rd Nov 1891 Order for Ordinary Survey No. 95 Date 1st Nov 1891 State dates and initials of letters respecting this case 1891 May 14, Dec 4, 29 1892 Jan 13, July 15, Oct. 24, 25

General Remarks (State quality of workmanship, &c.) This Vessel has been built under Special Survey in accordance with the approved plans 3 in N° (sent herewith) with the instructions contained in the Secretary's letters referred to above, and in other respects in compliance with the Rules. The steel used in her construction has been tested at the Steel Works by the Society's Surveyors (Signed Advice Note herewith); and the iron and other materials used are of good quality. The workmanship throughout is good. The Makers guarantee Certificate for the steel wire rigging, and two reports of forgings are attached hereto.

Donkey boiler, pump & connections fitted on board in bridge house and safety valves set to lift at 80 lbs per sq in.

	Material.	Total length.	DIAMETER AND THICKNESS.				Number of Plates in Round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS.	Iron	96ft. 6in	31" x 10"	24" x 8"	26" x 8"	21" x 8"	Four	Two	4 1/2 x 3/8	Double	Treble
BOWSprit	Iron	50ft. overall	24" x 7"	18" x 6"	10 1/2" x 6"	16 1/2" x 6"	Two	Two	3 1/2 x 3/8	"	"
TOPMASTS	Iron	70ft.	19 1/4" x 6"	17" x 6"	7 1/2" x 6"	"	"	"	"	"	"
YARDS	Steel	94ft.	22 1/2" x 5"	10 1/4" x 5"	Two	"	"	"	"	"	"
FORE TOPMAST YARDS	Steel	88ft.	19 1/2" x 5"	10 1/2" x 5"	Two	"	"	"	"	"	"
MAIN	Steel	80ft.	19 1/2" x 5"	10 1/2" x 5"	Two	"	"	"	"	"	"
MIZEN	Steel	71ft.	17 1/2" x 5"	8 1/2" x 5"	Two	"	"	"	"	"	"

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF STOCK.		Tons.	Cwts.	Qrs.	Lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
				Wt. per Certificate.	Wt. of Chain Cable.							
24251 1st Bower	45	0 0 11	1 0	39	5 0 0	45	0	0	0	Rodgers Patent	H. P. Parker & Co.	River Near Commission
24252 2nd "	39	3 14	10 14	35	13 1 21	39	0	0	0	"	"	"
24253 3rd "	36	2 14	8 3	33	10 1 7	35	3	0	0	"	"	"
24103 Stream	14	0 0 3	2 0	15	12 2 0	13	2	0	0	Rodgers Patent	H. P. Parker & Co.	River Near Commission
24109 Kedge	6	2 14	1 3	8	17 2 0	6	3	0	0	"	"	"
24104 2nd Kedge	3	2 0 0	3 14	5	18 3 0	3	2	0	0	"	"	"

Committee's Minute TUES. 15 NOV 1892 Character assigned 100A Iron & Steel at CP 2 Str (U.S.L. - W.S.) Iron framing & Steel plating

Surveyor's Signature H. M. Dove Harry Clarke

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PARTICULARS FOR RECORD IN THE REGISTER BOOK.

Length of Poop 41.5 ft. R.Q.D. or Break ft. Bridge Dk. 52 ft. Forecastle 32 ft. (in feet and tenths).

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 Dks. Upper 2H. wood sheathed.

Official No. 99217 Signal Letters M. V. D. Q.

PARTICULARS OF WATER BALLAST.

Double bottom, aft, length and water capacity in tons Double bottom, amidships, length and water capacity in tons

Double bottom, forward, length and water capacity in tons

Double bottom, constructed on the cellular system, length and water capacity in tons

Fore peak tank, water capacity in tons After peak tank, water capacity in tons

Midship deep tank, length and water capacity in tons Other tanks, if fitted, length and water capacity in tons

The above have been tested as required by the Rules.

(If necessary, furnish further information by sketch.)

How are the surfaces preserved from oxidation? Inside Asphalt (Briggs' Fenase) and paint Outside Paint

FREEBOARD assigned by the Committee, as per Secretary's Letter, 5 ft. 8 1/2 in. In Salt Water

dated 25th October 1892 5 ft. 3 1/2 in. In Fresh Water

State if marked on Vessel's sides in accordance with Notice No. 270 Yes

The amount of Entry Fee £ 5 : 0 : 0 is received by me

Special £ 93 : 16 : 0

Certificate £

Travelling Expenses, if any £

I am of opinion this Vessel should be Classed 100A 1 Iron framing and steel plating

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