

STEEL IRON SHIP.

No. 401 Survey held at Port Glasgow Date, First Survey 24th April Last Survey 24th April
 On the Crew Steamer Comminator

TONNAGE under Tonnage Dept. <u>1999.12</u> Ditto of <u>11.85</u> Ditto of Poop, or Raised Or. Dk. <u>39.11</u> Ditto of Houses on Deck <u>30.61</u> Ditto of Forecastle <u>44.63</u> Gross Tonnage <u>2125.30</u> Less Crew Space <u>59.97</u> Less Engine Room <u>680.10</u> Register Tonnage as cut on Beam <u>1385.23</u>	ONE- OR TWO- DECKED, THREE- DECKED VESSEL. SPAN- OR AWNING- DECKED VESSEL. Half Breadth (moulded) <u>19.0</u> Depth from upper part of Keel to top of Upper Deck Beams <u>26.5</u> Girth of Half Midship Frame (as per Rule) <u>42.0</u> 1st Number <u>87.5</u> 1st Number, if a 3-Decked Vessel .. deduct 7 feet <u>7</u> Length <u>288.5</u> 2nd Number <u>23224.0</u> Proportions— Breadths to Length... <u>7.59</u> Depths to Length—Upper Deck to Keel... <u>10.88</u> Main Deck ditto <u>15.18</u>	Master <u>F. L. Buntill</u> Built at <u>Port Glasgow</u> When built <u>1889-93</u> . Launched <u>16th March</u> By whom built <u>Robt Dimeau & Co</u> Owners <u>Independent No 2</u> Residence <u>Glasgow</u> Port belonging to <u>Glasgow</u> Destined Voyage <u>Buenos Ayres</u> If Surveyed while Building, Afloat, or in Dry Dock. <u>While Building & afloat</u>
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LENGTH on deck as per Rule... <u>286</u>	BREADTH— Moulded... <u>38 0</u>	DEPTH top of Floors to Upper Deck Beams <u>24 5/2</u> Do. do. Main Deck Beams... <u>16 11/2</u>	Power of Engines... <u>200</u>	N° of Decks with flat laid <u>Two</u>	N° of Tiers of Beams <u>Three</u>
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Dimensions of Ship per Register, length, 289.25 breadth, 38.2 depth, 33.1

	Feet.		Inches.		Feet.		Inches.		Power of Engines	N° of Decks with flat laid	N° of Tiers of Beams
	In Ship	per Rule	In Ship	per Rule	In Ship	per Rule					
KEEL , depth and thickness <u>2x18 each Or 18x18</u>	10	11/8	10	11/8	10	11/8	10	11/8			
STEM , moulding and thickness...	10	2 3/4	10	2 3/4	10	2 3/4	10	2 3/4			
TERN-POST for Rudder do. do.	10	5 1/2	10	5 1/2	10	5 1/2	10	5 1/2			
" for Propeller	10	5 1/2	10	5 1/2	10	5 1/2	10	5 1/2			
Distance of Frames from moulding edge to moulding edge, all fore and aft	24		24		24		24				
FRAMES , Angle Iron, for 1/2 length amidships	5	3 1/2	5	3 1/2	5	3 1/2	5	3 1/2			
Do. for 1/4 at each end	5	3 1/2	5	3 1/2	5	3 1/2	5	3 1/2			
REVERSED FRAMES , Angle Iron	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2			
FLOORS , depth and thickness of Floor Plate at mid line for half length amidships	Floor and girders as shown on app										
thickness at the ends of vessel	as shown on app										
depth at 1/4 the half-bath. as per Rule	as shown on app										
height extended at the Bilges...	Sketch of Mid Section										
BEAMS , Upper, Spar, or Awning Deck	6	3	15	6	3	15	6	3	15		
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron	9		14	9		14	9		14		
Single or double Angle Iron on Upper edge	24			24			24				
Average space...	6	3	15	6	3	15	6	3	15		
BEAMS , Main, or Middle Deck	6	3	15	6	3	15	6	3	15		
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron	9		14	9		14	9		14		
Single or double Angle Iron, on Upper Edge	24			24			24				
Average space...	6	3	15	6	3	15	6	3	15		
BEAMS , Lower Deck	6	3	15	6	3	15	6	3	15		
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron	9		14	9		14	9		14		
Single or double Angle Iron on Upper Edge	24			24			24				
Average space...	6	3	15	6	3	15	6	3	15		
BEAMS , Hold, or Orlop	10		17	10		17	10		17		
Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	4	4	14	4	4	14	4	4	14		
Single or double Angle Iron on Upper Edge	12			12			12				
Average space...	4	4	14	4	4	14	4	4	14		
KEELSONS Centre line, single or double plate, box, or Intercostal, Plates	49		16	49		16	49		16		
" Rider Plate	The double bottom										
" Bulb Plate to Intercostal Keelson	Constructed in accordance with the approved details of										
" Angle Irons	Midship Long Section										
" Double Angle Iron Side Keelson	Constructed in accordance with the approved details of										
" Side Intercostal Plate	Midship Long Section										
" do. Angle Irons	Constructed in accordance with the approved details of										
" Attached to outside plating with angle iron	Midship Long Section										
BILGE Angle Irons	6	4	14	6	4	14	6	4	14		
do. Bulb Iron	11		15	11		15	11		15		
do. Intercostal plates riveted to plating for length	3 1/2	3 1/2	15	3 1/2	3 1/2	15	3 1/2	3 1/2	15		
BILGE STRINGER Angle Irons	6	4	14	6	4	14	6	4	14		
Intercostal plates riveted to plating for length	3 1/2	3 1/2	15	3 1/2	3 1/2	15	3 1/2	3 1/2	15		
SIDE STRINGER Angle Irons	6	4	14	6	4	14	6	4	14		

The **FRAMES** extend in one length from side to side of tank and above to fore and aft Riveted through plates with 7/8 in. Rivets, about 1/2 ins. apart.

The **REVERSED ANGLE IRONS** on floors and frames extend from middle line to upper 2nd in. E. of space, before rivets to the 6th in. from 1st alternately

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? Yes And butts properly shifted? Yes

PLATING. Garboard, double riveted to Keel, with rivets 1 1/8 in. diameter, averaging 5 1/2 ins. from centre to centre.

" **Edges of Garboards** and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from centre to centre.

" **Butts from Keel to turn of Bilge**, worked carvel, double riveted; with rivets 7/8 in. diameter averaging 3 1/2 ins. from centre to centre.

" **Butts of three Strakes at Bilge for half length**, treble riveted with Butt Straps 1/16 thicker than the plates they connect.

" **Edges from Bilge to Main Sheerstrake**, worked clencher, double or single riveted; with rivets 7/8 in. diameter, averaging 3 1/4 ins. from cr. to cr.

" **Butts from Bilge to Main Sheerstrake**, worked carvel, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.

" **Edges of Main Sheerstrake**, double or single riveted. **Upper Sheerstrake**, double or single riveted.

" **Butts of Main Sheerstrake**, treble riveted for half length amidships. Butts of Upper or Spar Sheerstrake, treble riveted half length amidships.

" **Butts of Main Stringer Plate**, treble riveted for half length amidships. **Butts of Upper or Spar Stringer Plate**, treble riveted for half length.

" Breadth of laps of plating in double riveting 5 1/2 Breadth of laps of plating in single riveting 1

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Double No. of Breasthooks, Five Crutches, Three

What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Good

Manufacturer's name or trade mark Steel Plates and angles made at Woodland Works Glasgow Wrought iron at

The above is a correct description of the ship

Builder's Signature, Robt Dimeau Surveyor's Signature, W. D. Baird

Surveyor to Lloyd's Register of British and Foreign Shipping.

