

IRON SHIP.

(Received at London Office) Rec'd 29th SEP, 1882
 No. 5503 Survey held at Port Glasgow Date, First Survey 5th Oct/82 Last Survey 27th Sept. 1882
 On the Twin Screw Steamer "Tachyphre" (380 tons)

TONNAGE under Tonnage Deck 460.31
 Ditto of Third, Spar, or Awaiting Deck 91.88
 Ditto of Poop, or Raised Or. Dk. 43.82
 Ditto of Houses on Deck 35.33
 Ditto of Forecastle 631.34
 Gross Tonnage 45.90
 Less Crew Space 585.44
 Less Engine Room 202.03
 Register Tonnage as cut on Beam 383.41

ONE, OR TWO DECKED, THREE DECKED VESSEL, SPAR, OR AWNING DECKED VESSEL.
 Half Breadth (moulded) 14.26
 Depth from upper part of Keel to top of Upper Deck Beams 11.91
 Girth of Half Midship Frame (as per Rule) 23.83
 1st Number 49.99
 1st Number, if 2 Decked Vessel deduct 7 feet
 Length 198.8
 2nd Number 9938
 Proportions— Breadths to Length 6.97
 Depths to Length—Upper Deck to Keel 16.69
 Main Deck ditto

Master (not yet appointed)
 Built at Port Glasgow
 When built 1883 Launched June 16th 1882
 By whom built Murdoch & Murray
 Owners The Companhia Pernambucana
 Residence Pernambuco
 Port belonging to Pernambuco
 Destined Voyage Pernambuco
 Surveyed while Building, Afloat, or in Dry Dock.

LENGTH on deck as per Rule 198 9 1/2
BREADTH Moulded 28 6
DEPTH top of Floors to Upper Deck Beams 10 9
 Do. do. Main Deck Beams 10 9
 Power of Engines 120
 Horse 120
 N° of Decks with flat laid One
 N° of Tiers of Beams One

Dimensions of Ship per Register, length, 200 breadth, 28.4 depth, 10.7

	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule	Inches in Ship	Inches per Rule
KEEL , depth and thickness	Flat Plate 6 3/4 x 2 1/2	6 3/4 x 2 1/2						
STEM , moulding and thickness	6 3/4 x 4 1/4	6 3/4 x 4 1/4						
STERN POST for Rudder do. do.								
" " for Propeller								
Distance of Frames from moulding edge to moulding edge, all fore and aft	22	22						
FRAMES , Angle Iron, for 1/2 length amidships	3 3 6	3 3 6						
Do. for 1/2 at each end	2 3 5	2 3 5						
REVERSED FRAMES , Angle Iron	2 2 5	2 2 5						
FLOORS , depth and thickness of Floor Plate	14 6 14 6	14 6 14 6						
at mid line for half length amidships								
thickness at the ends of vessel	9 7 9 7	9 7 9 7						
depth at 1/2 the half-bdth. as per Rule	28 28	28 28						
height extended at the Bilges								
BEAMS , Upper, Spar, or Awaiting Deck	7 3 7 3	7 3 7 3						
Angle or double Angle Iron, Plate or Tee Bulb Iron								
Angle or double Angle Iron on Upper edge								
Average space	22 22	22 22						
BEAMS , Main, or Middle Deck								
Single or double Angle Iron, Plate or Tee Bulb Iron								
Single or double Angle Iron on Upper edge								
Average space								
BEAMS , Lower Deck								
Single or double Angle Iron, Plate or Tee Bulb Iron								
Single or double Angle Iron on Upper edge								
Average space								
BEAMS , Hold, or Orlop								
Single or double Angle Iron, Plate or Tee Bulb Iron								
Single or double Angle Iron on Upper edge								
Average space								
KEELSONS Centre line, single or double plate, Floor & box, or Intercoastal, Plates	12 9 12 9	12 9 12 9						
" Rider Plate	8 3/4 9 8 3/4	8 3/4 9 8 3/4						
" Bulb Plate to Intercoastal Keelson								
" Angle Irons	4 3 6 4 3 6	4 3 6 4 3 6						
" Double Angle Iron Side Keelson	4 3 6 4 3 6	4 3 6 4 3 6						
" Side Intercoastal Plate								
" do. Angle Irons								
" Attached to outside plating with angle iron	3 3 6 3 3 6	3 3 6 3 3 6						
BILGE Angle Irons	4 3 6 4 3 6	4 3 6 4 3 6						
" do. Bulb Iron	7 7 7 7	7 7 7 7						
" do. Intercoastal plates riveted to plating for length								
BILGE STRINGER Angle Irons	4 3 6 4 3 6	4 3 6 4 3 6						
Intercoastal plates riveted to plating for 1/2 length								
SIDE STRINGER Angle Irons	4 3 6 4 3 6	4 3 6 4 3 6						
FRAMES extend in one length from Keel to gunwale Riveted through plates with 3/4 in. Rivets, about 6 apart.								
REVERSED ANGLE IRONS on floors and frames extend from middle line to upper deck and to bilge stringers 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 7/8 in. diameter, averaging 3 3/4 ins. from centre to centre.								
" Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 3/4 in. diameter, averaging 3 3/4 ins. from centre to centre.								
" Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. diameter averaging 3 ins. from centre to centre.								
" Butts of 2 Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 1/4 thicker than the plates they connect.								
" Edges from Bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets 3/4 in. diameter, averaging 3 3/4 ins. from cr. to cr.								
" Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 3/4 in. diameter, averaging 3 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 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted, length amidships.								
" Butts of Main Stringer Plate, treble riveted for length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for 1/2 length.								
Breadth of laps of plating in double riveting 4 1/2 2 5/4 Breadth of laps of plating in single riveting 2 5/8								
Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Treble & Double No. of Breasthooks, 3 Crutches, 2								
What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c? Good. Plates, Keelsons								
Manufacturer's name or trade mark, and angle iron, Coats								
The above is a correct description.								
Builder's Signature, Murdoch & Murray Surveyor's Signature, J. Charles								
Surveyor to Lloyd's Register of British and Foreign Shipping.								

State clearly where plating is of alternate thickness—as distinguished from diminished thickness at ends of vessel.

* If Iron Deck, state if whole or part, and if wood deck is laid thereon.

Lloyd's Reg
Foundation