

IRON SHIP.

No. 5333 Survey held at Dumbarton Date, First Survey 15 July 1880 Last Survey 26 March 1891
On the S.S. "Pertusola" Master Romanelli

TONNAGE under Tonnage Deck 543.53
Ditto of Third, Spar, or Awaiting Deck 2.77
Ditto of Prop. or Raised Qr. Dk. 28.50
Ditto of Houses on Deck 15.24
Ditto of Forecastle 590.04
Gross Tonnage 37.38
Less Crew Space 552.66
Less Engine Room 209.76
Register Tonnage as cut on Beam 342.90

ONE, OR TWO DECKED, THREE DECKED VESSEL.
SPAR OR AWNING-DECKED VESSEL.
HALF BREADTH (moulded) 13.25
DEPTH from upper part of Keel to top of Upper Deck Beams 16.3
GIRTH of Half Midship Frame (as per Rule) 27.3
1st NUMBER 56.85
1st NUMBER, if a 3-DECKED VESSEL, deduct 7 feet
LENGTH 75.875
BREADTH 99.98
PROPORTIONS—Breadths to Length 6.63
Depths to Length—Upper Deck to Keel 10.72
Main Deck ditto ✓

Built at Dumbarton
When built 1880/81 Launched 13 Jan'y 1881
By whom built R. Chambers Junr.
Owners R. Rubattino & Co.
Port belonging to Genoa
Destined Voyage Genoa
If Surveyed while Building, Afloat, or in Dry Dock. While building & afloat

LENGTH on deck as per Rule 75 10 1/2 BREADTH Moulded 26 6 DEPTH top of Floors to Upper Deck Beams 14 11 1/2 Power of Engines 90 Horse. 90 N° of Decks with flat laid 2 N° of Tiers of Beams 2

Dimensions of Ship per Register, length, 77.3 breadth, 26.7 depth, 14.9
KEEL, depth and thickness 7 1/2 x 2 1/2
STEM, moulding and thickness 6 3/4 x 2 1/2
STERN-POST for Rudder do. do. 6 3/4 x 4 1/2
" " for Propeller 6 3/4 x 4 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft 22
FRAMES, Angle Iron, for 1/2 length amidships 3 1/2 x 3
Do. for 1/2 at each end 3 1/2 x 3
REVERSED FRAMES, Angle Iron 3 x 2 1/2
FLOORS, depth and thickness of Floor Plate at mid line for half length amidships 19
" thickness at the ends of vessel 19
" depth at 3/4 the half-bdth. as per Rule as app'd
" height extended at the Bilges as app'd
BEAMS, Upper, Spar, or Awaiting Deck Single or double Ang. Iron, Plate or Tee Bulb Iron 5 x 3
Single or double Angle Iron on Upper edge 22
BEAMS, Main or Middle Deck Single or double Ang. Iron, Plate or Tee Bulb Iron 5 x 3
Single or double Angle Iron on Upper edge 22
BEAMS, Lower Deck, Hold, or Orlop Single or double Ang. Iron, Plate or Tee Bulb Iron 5 x 3
Single or double Angle Iron on Upper edge 22
KEELSONS Centre line, single or double plate, box, or intercostal plates 20 1/2 x 7
" Rider Plate as app'd
" Bulb Plate to intercostal keelson as app'd
" Angle Irons as app'd
" Double Angle Iron Side Keelson as app'd
" Side intercostal plate as app'd
" do. Angle Irons as app'd
" Attached to outside plating with angle iron as app'd
BILGE Angle Irons as app'd
" do. Bulb Iron as app'd
" do. Intercostal plates riveted to plating for length as app'd
BILGE STRINGER Angle Irons as app'd
Intercostal plates riveted to plating for length as app'd
SIDE STRINGER Angle Irons as app'd
Transoms, material: Knight-heads. Hawse Timbers. Iron
Windlass as app'd Pall Bitt as app'd

Flat Keel Plates, breadth and thickness 32
PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges 7 x 8
" of doubling at Bilge, or increased thickness, and length applied 7 x 8
" fm up. part of Bilge to l.r. edge of Sh'rstrake. 7 x 8
" Main Sheerstrake, breadth and thickness of doubling at Sh'rstrake, & length applied from Mn. to Up. or Spar Dk. Sh'rstrake. 33
" Up. or Spar Dk. Sh'rstrake, breadth & thickness 33
Butt Straps to outside plating, breadth & thickness as app'd
Lengths of Plating 7 spaces
Shifts of Plating, and Stringers 2
Gunwale Plate on ends of Awaiting, Spar, or Upper Deck Beams, breadth and thickness 52
Angle Iron on ditto 3 1/2 x 3 1/2
Tie Plates fore and aft, outside Hatchways Iron
Diagonal Tie Plates on Beams No. of Pairs Iron
Planksheer material and scantling none
Waterways do. do. 5/16 Iron
Flat of Upper Deck do. do. 5/16 Iron
How fastened to Beams Riveted
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness as app'd
Is the Stringer Plate attached to the outside plating? Yes
Angle Irons on ditto, No. 2
Tie Plates, outside Hatchways as app'd
Diagonal Tie Plates on Beams, No. of pairs as app'd
Waterways materials and scantlings as app'd
Flat of Middle Deck do. do. as app'd
How fastened to Beams as app'd
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams as app'd
Is the Stringer Plate attached to the outside plating? Yes
Angle Irons on ditto, No. 2
Stringer or Tie Plates, outside Hatchways as app'd
Flat of Lower Deck as app'd
Ceiling betwixt Decks, thickness and material as app'd
" in hold do. do. as app'd
Main piece of Rudder, diameter at head as app'd
do. at heel as app'd
Can the Rudder be unshipped afloat? Yes
Bulkheads No. 4 Thickness of 5/16
" Height up 3 1/2 ft. up. as app'd & one to main as app'd with W.T. flat
" How secured to sides of ship Double angle irons
" Size of Vertical Angle Irons 3 x 2 1/2 and distance apart 30 ins.
" Are the outside Plates doubled two spaces of Frames in length? Yes

The FRAMES extend in one length from middle line to gunwale Riveted through plates with 1/4 in. Rivets, about 6 apart.
The REVERSED ANGLE IRONS on floors and frames extend from middle line to lower deck and to upper 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 in. diameter, averaging 5 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 1/2 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 1/16 thicker than the plates they connect.
" Edges from bilge to Main Sheerstrake, worked clencher, double single riveted; with rivets 3/4 in. diameter, averaging 3 1/2 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 1/2 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted length amidships.
" Butts of Main Stringer Plate, treble riveted for 1/2 length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for length.
" Breadth of laps of plating in double riveting 5 1/2 Breadth of laps of plating in single riveting 2 3/4

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Double and Treble.
Waterway, how secured to Beams Riveted (Explain by Sketch, if necessary.)
Beams of the various Decks, how secured to the sides? Forged knees riveted No. of Breasthooks, 3 Crutches, 2
What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? as app'd
Manufacturer's name or trade mark, Johnson & Pears, Phoenix, Drumpler and Bowersfield Iron Companies.
The above is a correct description.
Builder's Signature, Robert Chambers Junr. Surveyor's Signature, C. J. Smith
Surveyor to Lloyd's Register of British and Foreign Shipping.

