

# IRON SHIP.

(Received at London Office)

135  
HURSE 28 AUGUST 1884

No. 13,507 Survey held at *Sunderland*

Date, First Survey *April 3rd 1884*

Last Survey *August 20th 1884*

On the *Iron Screw Steamer "CORTES"*

Gard N° 299

Master *Balds*

TONNAGE under 1248.97

ONE, OR TWO DECKED, THREE DECKED VESSEL,

Master

Ditto of Poop, or Raised Qr. Dk. 5.14

SPAR, OR AWNING-DECKED VESSEL.

Built at

Ditto of Houses on Deck 7.09

Half Breadth (moulded) 16.00

When built

Ditto of Forecastle 1261.20

Depth from upper part of Keel to top of Upper Deck Beams 15.42

Launched

Gross Tonnage 1212.06

Girth of Half Midship Frame (as per Rule) 28.00

By whom built

Less Crew Space 49.14

1st Number 59.42

Owners

Less Engine Room 234.36

1st Number, if a 3-Decked Vessel deduct 7 feet

Residence

Register Tonnage as cut on Beam 977.70

Length 219.83

Port belonging to

2nd Number 13.062

Destined Voyage

Proportions— Breadths to Length 6.86

Surveyed while Building, Afloat, or in Dry Dock.

Depths to Length— Upper Deck to Keel 9.48

Main Deck ditto 14.25

LENGTH on deck as per Rule 219.10 Feet. Inches. BREADTH Moulded 32.0 Feet. Inches. DEPTH top of Floors to Upper Deck Beams 21.8 Feet. Inches. Do. do. Main Deck Beams 13.11 Feet. Inches. Power of Engines 95 Horse. N° of Decks with flat laid N° of Tiers of Beams 2

Dimensions of Ship per Register, length 228.0 breadth 32.4 depth 21.6 DEPTH Moulded 22.8 3/4 to Spar 24

KEEL, depth and thickness 8 x 2 3/8 Inches in Ship. Inches per Rule. 8 x 2 3/8

STEM, moulding and thickness 7 x 2 3/8 Inches in Ship. Inches per Rule. 7 x 2 3/8

STERN-POST for Rudder do. do. 7 x 4 3/4 Inches in Ship. Inches per Rule. 7 x 4 3/4

" for Propeller 7 x 4 3/4 Inches in Ship. Inches per Rule. 7 x 4 3/4

Distance of Frames from moulding edge to moulding edge, all fore and aft 22 Inches in Ship. Inches per Rule. 22

FRAMES, Angle Iron, for 2/3 length amidships 3 1/2 x 3 1/2 Inches in Ship. Inches per Rule. 3 1/2 x 3 1/2

Do. for 1/3 at each end 3 1/2 x 3 1/2 Inches in Ship. Inches per Rule. 3 1/2 x 3 1/2

REVERSED FRAMES, Angle Iron 3 x 2 1/2 Inches in Ship. Inches per Rule. 3 x 2 1/2

FLOORS, depth and thickness of Floor Plate 17 1/2 x 7 Inches in Ship. Inches per Rule. 17 1/2 x 7

at mid line for half length amidships 17 1/2 x 7 Inches in Ship. Inches per Rule. 17 1/2 x 7

thickness at the ends of vessel 9 x 8 3/4 Inches in Ship. Inches per Rule. 9 x 8 3/4

depth at 3/4 the half-bdth. as per Rule 35 Inches in Ship. Inches per Rule. 35

height extended at the Bilges 35 Inches in Ship. Inches per Rule. 35

BEAMS, Upper, Spar, or Awning Deck 6 1/2 x 6 Inches in Ship. Inches per Rule. 6 1/2 x 6

Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 2 3/4 x 2 3/4 x 5 Inches in Ship. Inches per Rule. 2 3/4 x 2 3/4 x 5

Single or double Angle Iron on Upper edge 44 Inches in Ship. Inches per Rule. 44

Average space 5 1/2 x 3 x 8 Inches in Ship. Inches per Rule. 5 1/2 x 3 x 8

BEAMS, Main, or Middle Deck 5 1/2 x 3 x 8 Inches in Ship. Inches per Rule. 5 1/2 x 3 x 8

Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 22 Inches in Ship. Inches per Rule. 22

Single or double Angle Iron on Upper Edge 22 Inches in Ship. Inches per Rule. 22

Average space 22 Inches in Ship. Inches per Rule. 22

BEAMS, Lower Deck— 13 x 10 Inches in Ship. Inches per Rule. 13 x 10

Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 10 x 10 Inches in Ship. Inches per Rule. 10 x 10

Single or double Angle Iron on Upper Edge 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

Average space 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

BEAMS, Hold, or Orlop— 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

Single or d'ble Ang. Iron, Plate or Tee Bulb Iron 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

Single or double Angle Iron on Upper Edge 3 x 3 x 7 Inches in Ship. Inches per Rule. 3 x 3 x 7

Average space 3 x 3 x 7 Inches in Ship. Inches per Rule. 3 x 3 x 7

KEELSONS Centre line, single or double plate, box, or Intercoastal, Plates 10 x 10 Inches in Ship. Inches per Rule. 10 x 10

" Rider Plate 10 x 10 Inches in Ship. Inches per Rule. 10 x 10

" Bulb Plate to Intercoastal Keelson 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

" Angle Irons 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

" Double Angle Iron Side Keelson 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

" Side Intercoastal Plate 7 Inches in Ship. Inches per Rule. 7

" do. Angle Irons 3 x 3 x 7 Inches in Ship. Inches per Rule. 3 x 3 x 7

" Attached to outside plating with angle iron 3 x 3 x 7 Inches in Ship. Inches per Rule. 3 x 3 x 7

BILGE Angle Irons 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

" do. Bulb Iron for 3/5 length 7 1/2 x 7 Inches in Ship. Inches per Rule. 7 1/2 x 7

" do. Intercoastal plates riveted to plating for length 7 1/2 x 7 Inches in Ship. Inches per Rule. 7 1/2 x 7

BILGE STRINGER Angle Irons 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

Intercoastal plates riveted to plating for half length 18 x 7 Inches in Ship. Inches per Rule. 18 x 7

SIDE STRINGER Angle Irons 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

Intercoastal plate 18 x 7/16 full length of ship with brackets under upper frame 4 1/2 x 3 1/2 x 7 Inches in Ship. Inches per Rule. 4 1/2 x 3 1/2 x 7

The FRAMES extend in one length from Centre line to Spar 24

The REVERSED ANGLE IRONS on floors and frames extend from middle line to Main deck and to Spar deck 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 5/8 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 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 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 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 4 1/2 x 5 1/4. Breadth of laps of plating in single riveting

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? treble + double No. of Breasthooks, four Crutches, three

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

Manufacturer's name or trade mark, Angle & Bulbs Lyzack & Co. South Stockton Iron Co. Forging C.H. Reed & Co. Sunderland

The above is a correct description.

Builder's Signature, James Laming

Surveyor's Signature, J. J. J.

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

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

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

9820-646076



