

IRON SHIP.

Rev 14

No. 12114 Survey held at Newcastle-on-Tyne Date, First Survey 3rd July 1872 Last Survey 10th April 1873

On the S.S. TUNIS Yard Number 274 Master J. Inch

TONNAGE under Tonnage Deck } <u>966.22</u>	ONE, OR TWO DECKED, THREE DECKED VESSEL.	Built at <u>Newcastle-on-Tyne</u>
Ditto of Third, Spar, or Awning Deck.	SPAR, OR AWNING DECKED VESSEL.	When built <u>1873</u> Launched <u>29.4</u>
Ditto of Poop, or Raised Qr. Dk. } <u>217.96</u>	HALF BREADTH (moulded) <u>15.0</u>	By whom built <u>C. Mitchell & Co</u>
Ditto of Houses on Deck . . .	DEPTH from upper part of Keel to top of Upper Deck Beams <u>18.8</u>	Owners <u>Nelson Gordon & Co</u>
Ditto of Forecastle <u>27.25</u>	GIRTH of Half Midship Frame (as per Rule) . . . <u>30.5</u>	Port belonging to <u>London</u>
Gross Tonnage <u>1211.43</u>	1st NUMBER <u>64.1</u>	Destined Voyage <u>Mediterranean</u>
Less Crew Space <u>47.49</u>	1st NUMBER, if a THREE-DECKED VESSEL	If Surveyed while Building, Afloat, or in
Less Engine Room <u>387.66</u>	deduct 7 feet	<u>While Building</u>
Register Tonnage as cut on Beam <u>776.28</u>	LENGTH <u>258.5</u>	
	2nd NUMBER <u>15283.</u>	
	PROPORTIONS —Breadths to Length . . . <u>UNDER 8</u>	
	Depths to Length —Upper Deck to Keel . . . <u>13</u>	
	Main Deck ditto	

LENGTH on deck as per Rule . . . <u>238</u> <u>5</u>	BREADTH —Moulded . . . <u>30</u> <u>-</u>	DEPTH top of Floors to Upper Deck Beams . . . <u>17</u> <u>2</u>	Power of Engines . . . <u>110</u>	Nº. of Decks with flat . . . <u>110</u>	Nº. of Tiers of Beam . . .
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Dimensions of Ship per Register, length, 240.3 breadth, 30.1 depth, 17.0

KEEL , depth and thickness	Inches in Ship. <u>7 1/2 x 3/8</u>	Inches per Rule. <u>7 1/2 x 23/8</u>
STEM , moulding and thickness	<u>8 x 4</u>	<u>7 1/2 x 4 3/4</u>
STERN-POST for Rudder do. do.	<u>8 x 4 1/4</u>	<u>7 1/2 x 4 3/4</u>
for Propeller	<u>22 in</u>	<u>(Class 90 A)</u>
Distance of Frames from moulding edge to moulding edge, all fore and aft	<u>22 in</u>	<u>(Class 90 A)</u>
FRAMES , Angle Iron, for 1/2 length amidships	<u>4 x 3 x 7/16</u>	<u>4 x 3 x 7/16</u>
Do. for 1/4 at each end	<u>4 x 3 x 7/16</u>	<u>4 x 3 x 7/16</u>
REVERSED FRAMES , Angle Iron	<u>3 x 3 x 7/16</u>	<u>3 x 3 x 7/16</u>
FLOORS , depth and thickness of Floor Plate at mid line for half length amidships	<u>18 x 5/16</u>	<u>18 x 5/16</u>
thickness at the ends of vessel	<u>7/16</u>	<u>7/16</u>
depth at 1/4 the half-bdth. as per Rule	<u>25 per section</u>	<u>-</u>
height extended at the Bilges	<u>TWICE DEPTH</u>	<u>DITTO</u>
BEAMS , Upper, Spar, or Awning Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	<u>5 x 3 x 7/16</u>	<u>5 x 3 x 7/16</u>
Single or double Angle Iron on Upper edge	<u>22 inches</u>	<u>22 inches</u>
Average space	<u>22 inches</u>	<u>22 inches</u>
BEAMS , Main or Middle Deck Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	<u>7 1/2 x 7/16</u>	<u>7 1/2 x 7/16</u>
Single, or double Angle Iron, on Upper Edge	<u>3 x 3 x 7/16</u>	<u>3 x 2 1/2 x 5/16</u>
Average space	<u>14 feet</u>	<u>-</u>
BEAMS , Lower Deck, Hold or Orlop Single or d'ble Ang. Iron, Plate or Tee Bulb Iron	<u>7 1/2 x 7/16</u>	<u>7 1/2 x 7/16</u>
Single or double Angle Iron on Upper Edge	<u>3 x 3 x 7/16</u>	<u>3 x 2 1/2 x 5/16</u>
Average space	<u>14 feet</u>	<u>-</u>
KEELSONS Centre line, single or double plate,	<u>22 x 7/16</u>	<u>22 x 7/16</u>
do. or Intercoastal, Plates	<u>22 1/2 x 7/16</u>	<u>22 1/2 x 7/16</u>
do. Bulb Plate to Intercoastal Keelson	<u>4 x 4 x 7/16</u>	<u>4 x 4 x 7/16</u>
do. Angle Irons	<u>4 x 4 x 7/16</u>	<u>4 x 4 x 7/16</u>
do. Double Angle Iron Side Keelson	<u>4 x 4 x 7/16</u>	<u>4 x 4 x 7/16</u>
do. Side Intercoastal Plate GIRDER PLATES	<u>22 1/2 x 7/16</u>	<u>22 1/2 x 7/16</u>
do. do. Angle Irons	<u>22 1/2 x 7/16</u>	<u>22 1/2 x 7/16</u>
do. Attached to outside plating with angle iron	<u>22 1/2 x 7/16</u>	<u>22 1/2 x 7/16</u>
BILGE Angle Irons	<u>4 x 4 x 7/16</u>	<u>4 x 4 x 7/16</u>
do. Bulb Iron	<u>8 1/2 x 5/16</u>	<u>8 1/2 x 5/16</u>
do. Intercoastal plates riveted to plating for length	<u>8 1/2 x 5/16</u>	<u>8 1/2 x 5/16</u>
BILGE STRINGER Angle Irons	<u>4 x 4 x 7/16</u>	<u>4 x 4 x 7/16</u>
Intercoastal plates riveted to plating for length	<u>4 x 4 x 7/16</u>	<u>4 x 4 x 7/16</u>
SIDE STRINGER Angle Irons	<u>4 x 4 x 7/16</u>	<u>4 x 4 x 7/16</u>
Transoms, material. Knight-heads. Hawse Timbers. <u>Iron plates angles</u>		
Windlass <u>Hand powered</u> Pall Bitt		

Flat Keel Plates , breadth and thickness	<u>32 x 12/16</u>
PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges of doubling at Bilge, or increased thickness, and length applied	<u>36 x 10/16</u>
fm up. part of Bilge to lr. edge of Sh'rstrake	<u>9/16</u>
Main Sheerstrake, breadth and thickness of d'bling at Sh'rstrake, & length applied from Ma. to Up. or Spar Dk. Sh'rstrake	<u>41 1/2 x 10/16</u>
Up. or Spar Dk. Sh'rstrake, breadth & thickness	<u>8 1/16 for 3 1/2 ft</u>
Butt Straps to outside plating, breadth & thickness	<u>9 3/4 x 1 1/2 x 2 1/2</u>
Lengths of Plating	<u>5 1/2 SPACES</u>
Shifts of Plating, and Stringers	<u>TWO SPACES</u>
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness	<u>3 1/4 x 10/16</u>
Angle Iron on ditto	<u>4 x 4 x 7/16</u>
Tie Plates fore and aft, outside Hatchways	<u>4 x 4 x 7/16</u>
Diagonal Tie Plates on Beams No. of Pairs	<u>4</u>
Planksheer material and scantling	<u>4 x 4 x 7/16</u>
Waterways	<u>6 1/16 8 in</u>
Flat of Upper Deck do. do.	<u>10 in</u>
How fastened to Beams	<u>10 in</u>
Stringer Plate on ends of Main or Middle Deck Beams, breadth and thickness	<u>29 1/2 x 8 1/16</u>
Is the Stringer Plate attached to the outside plating?	<u>YES</u>
Angle Irons on ditto, No.	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Tie Plates, outside Hatchways	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Diagonal Tie Plates on Beams, No. of pairs	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Waterways materials and scantlings	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Flat of Middle Deck do. do.	<u>3 1/2 x 3 1/2 x 8 1/16</u>
How fastened to Beams	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Is the Stringer Plate attached to the outside plating?	<u>YES</u>
Angle Irons on ditto, No.	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Stringer or Tie Plates, outside Hatchways	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Flat of Lower Deck	<u>3 1/2 x 3 1/2 x 8 1/16</u>
Ceiling betwixt Decks, thickness and material	<u>3 1/2 R.T</u>
in hold do. do.	<u>3 1/2</u>
Main piece of Rudder, diameter at head	<u>5 1/8</u>
do. at heel	<u>3</u>
Can the Rudder be unshipped afloat?	<u>YES</u>
Bulkheads No. <u>4</u> Thickness of <u>5/16</u>	
Height up <u>Main deck</u>	
How secured to sides of ship <u>Double frames</u>	
Size of Vertical Angle Irons <u>3 x 3 x 7/16</u> and distance apart	
Are the outside Plates doubled two spaces of Frames in length	

The **FRAMES** extend in one length from Keel to Gunwale Riveted through plates with 3/4 in. Rivets, about

The **REVERSED ANGLE IRONS** on floors and frames extend across middle line to above Hold Beam Stringer and to Gunwale

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 1/4 ins. from centre to centre.

Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. diameter averaging 3 1/4 ins. from centre to centre.

Butts of None Strakes at Bilge for Half length, treble riveted with Butt Straps 7/16 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 1/4 ins.

Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 3/4 in. diameter, averaging 3 1/4 ins.

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

Butts of Main Sheerstrake, double riveted for 3/4 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted long

Butts of Main Stringer Plate, treble riveted for Half length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for long

Breadth of laps of plating in double riveting 4 1/4 Breadth of laps of plating in single riveting 2 1/4

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? Double and Treble as per rule

Waterway, how secured to Beams Iron plates (Explain by Sketch, if necessary.)

Beams of the various Decks, how secured to the frames Iron plates & rivets to frames No. of Breasthooks, 4

What description of Iron is used for Frames Iron plates and Stringer Plates, Outside Plating, &c.? angles

Manufacturer's name or trade mark, Steel

The above is a correct description.

Builder's Signature C. Mitchell Signature J. Inch

N. Dobson

IRON 454-0054

Lloyd's Register Foundation

