

# IRON SHIPS.

Rev 2/12/68  
1868

No. 2711 Survey held at Stockholm Date 23 June to 17 December  
on the SHIP "FRANCIS THORPE" Master Outridge  
Tonnage under tonnage deck 1199.52 Built at Stockholm When built 1868 Launched 14 November 68  
Ditto of poop & fore- or spar deck 126.48  
Ditto of engine room 1346.40 By whom built Richardson's Dock & Dry Dock Owners Thorpe & Outridge  
Total Register tonnage 1296.94 Port belonging to Liverpool Destined Voyage Melbourne  
Gross Tonnage 1346.40  
Surveyed while Building, Boat, or in Dry Dock While Building. for 1,000 tons scale. A grade.

Feet.	Inches.	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Horse.	N <sup>o</sup> . of Decks
Length aloft	<u>210</u>	Extreme Breadth	<u>37</u>		<u>22</u>	<u>11</u>		<u>7</u>
Dimensions of Ship per Register, length <u>218</u> breadth <u>37.1</u> depth <u>22.8</u>								
Keel, if bar iron, depth and thickness	Inches in Ship.		Inches required per Rule for 1,000 tons Scale.		Plates in Garboard Strakes, breadth and thickness			
" if plate iron, breadth and thickness	<u>12 x 2 5/8</u>		<u>9 x 3</u>		<u>38 x 13/16</u>			
Stem, if bar iron, moulding and thickness	<u>12 x 2 5/8</u>		<u>9 x 3</u>		Ditto from Garboard to upper part of Bilges..			
" if plate iron, breadth and thickness	<u>10 1/4 x 2 5/8</u>		<u>9 x 3</u>		<u>12/16</u>			
Stern-post, if bar iron, moulding and thickness	<u>21</u>		<u>21</u>		" from upper part of Bilge to a perpendicular height from upper side of Keel of 2/3 the entire depth of Hold			
" if plate iron, breadth and thickness	<u>21</u>		<u>21</u>		<u>11/16</u>			
Distance of Frames from moulding edge to moulding edge, all fore and aft	<u>21</u>		<u>21</u>		" from 2/3 depth of Hold to lower edge of Sheerstrake			
Frames, Size of Angle Iron, single or double	<u>4 1/2 x 3 1/2 x 9/16</u>		<u>5 x 3 x 9/16</u>		" Sheerstrake, breadth and thickness			
" Reversed Iron, if to every frame or every OTHER frame	<u>3 1/2 x 3 x 8/16</u>		<u>3 1/2 x 3 x 8/16</u>		<u>38 x 12/16</u>			
Floors, depth and thickness of Floor Plate at mid line	<u>25 x 10/16</u>		<u>25 x 10/16</u>		Butt Straps to outside plating, breadth and thickness			
" Ditto ditto at Bilge Keelson	<u>12 1/2 x 10/16</u>		<u>12 1/2 x 10/16</u>		<u>9 1/4 - 10 1/4 x 7/16 - 8 1/4 - 9 5/8 - 7 1/2 - 13/16</u>			
" Size of Reversed Angle Iron, and No. ONE at top of Floor Plate	<u>3 1/2 x 3 x 8/16</u>		<u>3 1/2 x 3 x 8/16</u>		Gunwale Plate or Stringer on ends of Upper Deck Beams, breadth and thickness			
Beams, Deck (N <sup>o</sup> . 59) double Angle Iron, Plate, Tee, or Bulb Iron	<u>9 x 9/16</u>		<u>9 x 9/16</u>		<u>34 x 10/16</u>			
" double or single Angle Iron, on TOP edge	<u>4 x 3 x 7/16</u>		<u>3 1/2 x 3 1/4 x 8/16</u>		Angle Iron on ditto			
" average space between	<u>3 feet 6 ins</u>		<u>3 feet 6 ins</u>		<u>5 x 4 1/2 x 9/16</u>			
" Hold, or Lower Deck (N <sup>o</sup> . 57) double Angle, Tee, Plate, or Bulb Iron	<u>9 x 9/16</u>		<u>9 x 9/16</u>		Stringer or Tie Plates fore and aft, on Upper Deck Beams, outside Hatchways			
" double or single Angle Iron, on TOP edge	<u>4 x 3 x 7/16</u>		<u>3 1/2 x 3 1/4 x 8/16</u>		<u>14 x 10/16</u>			
" average space between	<u>3 feet 6 ins</u>		<u>3 feet 6 ins</u>		<u>14 x 10/16</u>			
" Paddle, sided and moulded, thickness of Plate size of Angle Iron	<u>15 1/4 x 11/16</u>		<u>11 x 11/16</u>		Diagonal Tie Plates on FOUR ditto PAIR			
" Engine " " TOP PLATES	<u>15 1/4 x 11/16</u>		<u>11 x 11/16</u>		<u>14 x 10/16</u>			
Keelson, single or double plate, box, or intercostal FOUNDATION PLATES	<u>19 x 11/16</u>		<u>16 1/2 x 11/16</u>		Planksheer, materials and scantlings			
" Size of Plates SIDES	<u>3 1/2 x 3 x 8/16</u>		<u>3 1/2 x 3 x 8/16</u>		Waterway ditto ditto			
" Size of Angle Irons	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		Flat of Upper Deck, thickness and material			
" Side, single or double, plate, box, or intercostal	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>4 x 1/2</u>			
" Bilge (No. ONE) at each Bilge, single, or double, plate, or box	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		" how fastened to Beams			
Transoms, material IRON or, if none, in what manner compensated for.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>10/16 of 1/2 in.</u>			
Knight-heads, and Hawse Timbers	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		Ceiling betwixt Decks and in Hold, thickness and material			
The Frames extend in one length from Keel to Gunwale	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>3 feet 6 ins</u>			
The reverse angle irons on the floors extend in one length across the middle line from Top of Bilge to Top of Bilge	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		Clamps or Spiketting			
" " " on the frames " " " from Top of Bilge to above Solid Beams & Gunwale or alternate Frames	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		Stringer Plates on ends of Hold or Lower Deck Beams, breadth and thickness			
Keelson, how are the various lengths of plates or angle irons connected?	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>25 x 10/16</u>			
Plates, Garboard, double or rivetted to keel, double or at upper edge, with rivets (7/8 ins.) diameter, averaging (27/8 ins.) apart.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>11 x 10/16</u>			
Edges from Garboards to upper part of bilge, worked clencher, double or single rivetted; with rivets (7/8 in.) diameter, averaging (27/8 ins.) apart.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>13 1/2 x 10/16</u>			
Butts from Keel to turn of bilge, worked carvel with butt straps (10 1/4 - 12 1/4) thick, double or single rivetted; with rivets (7/8 in.) diameter, averaging (27/8 ins.) apart.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		Stringer or Tie Plates fore and aft outside Hatchways, on Hold or Lower Deck Beams			
Edges from bilge to sheerstrake, worked carvel with a lining piece ( ) thick, or clencher, double or single rivetted; with rivets (7/8 in.) diameter, averaging (27/8 in.) apart.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>11 x 10/16</u>			
Edges of Sheerstrake, double or single rivetted? At upper edge Single to Iron Bulwarks At lower edge Double	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>			
Butts from bilge to planksheers, worked carvel with butt straps (9 1/4 - 10 1/2 - 11 1/4) thick, double or single rivetted; with rivets (7/8 in.) diameter, averaging (2 3/4 ins.) apart. Breadth of laps in double rivetting (5 1/4) Breadth of laps in single rivetting ( )	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>3</u>			
Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? Double Rivetted	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>6</u>			
Planksheer, how secured to the plating of the sides Explain by sketch	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>3 1/4</u>			
Waterway " " planksheer and to the Beams if necessary.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>7/16</u>			
Deck Beams, how secured to the side? Beams Keelsons rivetted.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>7/16</u>			
Hold or Lower Deck ditto Beams Keelsons rivetted.	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>7/16</u>			
Paddle " " No. of breasthooks 5 crutches 4	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>7/16</u>			
What description of Iron is used for the Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? good	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>7/16</u>			
Manufacturer's name or trade mark "Fox Head & Co" "Hopkins" "Stockholm Melbourn"	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>7/16</u>			
We certify that the above is a correct description of the several particulars therein given.								
Builder's Signature <u>Richardson's Dock &amp; Dry Dock</u> Surveyor's Signature <u>James Findlay</u>	<u>5 1/2 x 4 1/2 x 9/16</u>		<u>5 1/2 x 4 1/2 x 9/16</u>		<u>7/16</u>			

IRON 443-0215



