

IRON SHIPS.

Rev 1/10/68

No. 2693 Survey held at Stockton Date 9 March to 22 September 1868
 on the S.S. "SORRENTO" Master J. J. Efford
 Tonnage under tonnage deck 761.10 Built at Stockton When built 1868 Launched 21 July 1868
 Ditto of poop 220.68 By whom built Mr. Pearce & Co Owners R. S. Donkin & Co
 Ditto of engine room 1018.63 Port belonging to North Shields Destined Voyage Mediterranean
 Total Register tonnage 801.41
 Gross Tonnage 1018.63
 Surveyed while Building, Afloat, or in Dry Dock While Building So 800 Lbs Scale B Grade

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse	Nº. of Decks
218.0			30.5			17.3			98		one

Dimensions of Ship per Register, length 218.0 breadth 30.5 depth 17.3

	Inches in Ship.	Inches required per Rule.	Inches in Ship.	Inches required per Rule.	Inches in Ship.	Inches required per Rule.
Keel, if bar iron, depth and thickness	7 1/2 x 3	7 1/2 x 3				
" if plate iron, breadth and thickness	7 1/2 x 3	7 1/2 x 3				
Stem, if bar iron, moulding and thickness	7 1/2 x 3	7 1/2 x 3				
" if plate iron, breadth and thickness	7 1/2 x 3	7 1/2 x 3				
Stern-post, if bar iron, moulding and thickness	10 x 4 1/2	7 1/2 x 6				
" if plate iron, breadth and thickness						
Distance of Frames from moulding edge to moulding edge, all fore and aft	21	21				
Frames, Size of Angle Iron, single or double	4 1/2 x 3	8/16	4 1/2 x 3	8/16		
" Reversed Iron, if to every frame or every other frame	3 x 3	7/16	3 x 3	7/16		
Floors, depth and thickness of Floor Plate at mid line	19 1/2 x 9/16	19 1/2 x 9/16				
" Ditto ditto at Bilge Keelson	9 1/2 x 9/16	9 1/2 x 9/16				
" Size of Reversed Angle Iron, and No. at top of Floor Plate	3 x 3	7/16	3 x 3	7/16		
Beams, Deck (Nº. 62) double Angle Iron, Plate, Tee, or Bulb Iron	7 1/2 x 7/16	7 1/2 x 7/16				
" double or single Angle Iron, on top edge	2 3/4 x 5/16	2 3/4 x 5/16				
" average space between	3 feet 6 ins	3 feet 6 ins				
" Hold, or Lower Deck (Nº. 23) double Angle, Tee, Plate, or Bulb Iron	7 1/2 x 7/16	7 1/2 x 7/16				
" double or single Angle Iron on top edge	3 x 3	7/16	3 x 3	7/16		
" average space between	2nd and 4th	2nd and 4th				
" Paddle, sided and moulded, thickness of Plate size of Angle Iron						
" Engine						
Keelson, single or double plate, box, or intercostal	3 1/4 x 7/16					
" Size of Plates in Engine Room	13 x 12/16	13 x 12/16				
" Size of Angle Irons	5 x 4 1/2 x 9/16	5 x 4 1/2 x 9/16				
" Side, single or double, plate, box, or intercostal						
" Bilge (No. 072) at each Bilge, single, or double, plate, or box	7 1/2 x 7/16	7 1/2 x 7/16				
" single, or double, plate, or box	5 x 4 1/2 x 9/16	5 x 4 1/2 x 9/16				
Transoms, material <u>Iron</u> or, if none, in what manner compensated for.						
Knight-heads, and Hawse Timbers <u>Blocks of J.O.</u>						
The Frames extend in one length from <u>Keel</u> to <u>Gunwales</u> rivetted through plates with (3/4 in.) rivets, about (5 ins) apart.						
The reverse angle irons on the floors extend in one length across the middle line from <u>Top of Bilge</u> to <u>Top of Bilge</u> .						
" on the frames " " " from <u>Top of Bilge</u> to <u>above Hold Beams & Gunwales or alternate frames</u> .						
Keelson, how are the various lengths of plates or angle irons connected? <u>Butts shifted, shopped and Rivetted.</u>						
Plates, Garboard, double or rivetted to keel, double or at upper edge, with rivets (7/8 ins.) diameter, averaging (3 in.) apart.						
" Edges from Garboards to upper part of bilge, worked clencher, double or single rivetted; with rivets (3/4 in.) diameter, averaging (2 3/4 ins.) apart.						
" Butts from Keel to turn of bilge, worked carvel with butt straps (9-10 x 1/4 thick, double or single rivetted; with rivets (3/4 in.) diameter, averaging (2 3/4 ins.) apart.						
Do the butt straps lap over and rivet through the lands of the strake below? <u>No</u>						
" Edges from bilge to sheerstrake, worked carvel with a lining piece () thick, or clencher, double or single rivetted; with rivets (3/4 in.) diameter, averaging (2 3/4 in.) apart.						
Do the butt straps lap over and rivet through the lands of the strake below? <u>No</u>						
" Edges of Sheerstrake, double or single rivetted? At upper edge <u>Single to Iron Bulwarks</u> At lower edge <u>Double</u> .						
" Butts from bilge to planksheers, worked carvel with butt straps (9 x 5/16-9/16) thick, double or single rivetted; with rivets (3/4 in.) diameter, averaging (2 3/4 ins.) apart. Breadth of laps in double rivetting (4 1/2) Breadth of laps in single rivetting ()						
Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? <u>Double Rivetted</u>						
Planksheer, how secured to the plating of the sides { Explain by sketch }						
Waterway " " planksheer and to the Beams { if necessary. }						
Deck Beams, how secured to the side? <u>Beam ends turned and knees welded.</u>						
Hold or Lower Deck ditto <u>do</u> <u>do</u> <u>do</u>						
Paddle " " No. of breasthooks <u>6</u> crutches <u>3</u>						
What description of Iron is used for the Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? <u>good</u>						
Manufacturer's name or trade mark <u>Hopkins Stockton Sterne</u>						
We certify that the above is a correct description of the several particulars therein given.						
Builder's Signature <u>M. Pearce & Co</u> Surveyor's Signature <u>James Purdie</u>						

IRON443-0046

