

Recd 7/10/73 & 11/11/73

On the S.S. NEDERLAND Yard Number 295 Master H. W. Lamm

Yard Number 225 Master H. A. Jones

ONE, OR TWO DECKED, THREE DECKED VESSEL.		Feet.
SPAR, OR AWNING DECKED VESSEL.		
HALF BREADTH (moulded)		19.15
DEPTH from upper part of Keel to top of Upper Deck Beams		22.66
GIRTH of Half Midship Frame (as per Rule)		46.83
1st NUMBER		98.14
1st NUMBER, if a THREE-DECKED VESSEL		
Subduct 7 feet		597.9
LENGTH		328.
2nd NUMBER		2987.5
PROPORTIONS—Breadths to Length		8.5
Depths to Length—Upper Deck to Keel		10.0
Main Deck ditto		12.8

Built at Newark-on-Lyme
When built 1873 Launched 23 June 73.
By whom built Palmers Shipbuilding & Rep.
Co. Ltd.
Owners International Navigation Co. of Philadelphia
Port belonging to Ambrose
Destined Voyage Philadelphia
If Surveyed while Building, Afloat, or in Dry Dock.
While Building.

Dimensions of Ship per Register, length, 329.2 breadth, 36.6 depth, 20.4

	Inches in Ship.			Inches per Rule.		
KEEL, depth and thickness	10 x 3			10 x 3		
STEM, moulding and thickness... ..	10 x 3			10 x 3		
STERN-POST for Rudder do. do.	3 10 1/2 x 6			10 x 6		
Distance of Frames from moulding edge to)	24			24 in		
moulding edge, all fore and aft				(CLASS 180 in)		
	Inches in ship.	Inches in ship.	10ths.	Inches in ship.	Inches in ship.	10ths.
FRAMES, Angle Iron, for 1/2 length amidships ...	5	3 1/2	7/8	5	3 1/2	7/8
Do. for 1/2 at each end	5	3 1/2	7/8	5	3 1/2	7/8
REVERSED FRAMES, Angle Iron	3 1/2	3	7/8	3 1/2	3	7/8
FLOORS, depth and thickness of Floor Plate)	3	3 1/2	7/8	3 1/2	3 1/2	7/8
at mid line for half length amidships ...	26	2	7/8	26	2	7/8
thickness at the ends of vessel			7/8			7/8
depth at 1/2 the half-bdth. as per Rule ...						
height extended at the Bilges... ..						
BEAMS, Upper, Spar or Tanning Deck)	7	2	7/8	7	2	7/8
Single or 1/2 in. Ang. Iron, Plates or Tee Bulb Iron)						
Single or double Angle Iron on Upper edge ...	2 1/2	2 1/2	7/8	2 1/2	2 1/2	7/8
Average space... ..			48 inches			48 in
BEAMS, Main or Middle Deck	10	2	7/8	10	2	7/8
Single or 1/2 in. Ang. Iron, Plates or Tee Bulb Iron)						
Single or double Angle Iron on Upper Edge ...	3 1/2	3 1/2	7/8	3 1/2	3 1/2	7/8
Average space... ..			48 inches			48 in
BEAMS, Lower Deck, Hold or Orlop)	15	2	7/8	15	2	7/8
Single or 1/2 in. Ang. Iron, Plates or Tee Bulb Iron)						
Single or double Angle Iron on Upper Edge ...	3 1/2	3 1/2	7/8	3 1/2	3 1/2	7/8
Average space... ..			48 inches			48 in
KEELSONS Centre line, single or double plate)	26	2	7/8	26	2	7/8
1/2 in. or Intercoastal, Plates						
• Rider Plate	9	2	7/8	9	2	7/8
• Bulk Plate to Intercoastal Keelson	22 1/2	2	7/8	22 1/2	2	7/8
• Angle Irons	6	2	7/8	6 1/2	2	7/8
• Double Angle Iron Side Keelson						
• Side Intercoastal Plate	22	2	7/8	22	2	7/8
• do. Angle Irons	3 1/2	3 1/2	7/8	3 1/2	3 1/2	7/8
• Attached to outside plating with angle iron						
BILGE Angle Irons	6	2	7/8	6 1/2	2	7/8
• do. Bulk Iron						
• do. Intercoastal plates riveted to						
plating for 1/4 length	22	2	7/8	22	2	7/8
BILGE STRINGER Angle Irons						
Intercoastal plates riveted to plating for						
1/4 length						
SIDE STRINGER Angle Irons	6	2	7/8	6 1/2	2	7/8
Transoms, material. Knight-heads. Harrow Timbers ...						
Winlass						
Pall Butt						

	Inches in ship.	1000s. in ship.	Inches required.	1000s. required.
Flat Keel Plates, breadth and thickness				
PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilge of doubling at Bilge, or increased thickness, and length applied	30	1 1/4	36	2 1/4
from up. part of Bilge to l. edge of Sh'strake			10 1/2	10 1/2
Main Sheerstrake, breadth and thickness of doubling at Sh'strake, & length applied from Mn. to Up. or Spar Dk. Sh'strake.	37 1/2	1 3/4	36	2 1/4
Up. or Spar Dk Sh'strake, breadth & thickness			4 1/2	4 1/2
Butt Straps to outside plating, breadth & thickness	11 1/2	1 1/4	12	1 1/4
Lengths of Plating	10 1/2	1 1/4	9 1/2	1 1/4
Shifts of Plating, and Stringers	Two spaces		Two spaces	
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness	66	4 1/2	66	4 1/2
Angle Iron on ditto	4 x 4	8 1/2	5 x 3	4 1/2
Tie Plates fore and aft, outside Hatchways	15	2 1/2	15	2 1/2
Diagonal Tie Plates on Beams No. of Pairs,				
Planksheer material and scantling				
Waterways do. do.				
Flat of Upper Deck do. do.				
How fastened to Beams				
Stringer Plate on ends of Main or Middle Beams, breadth and thickness				
Is the Stringer Plate attached to the beams passing:				
Angle Irons on ditto, No. 2	4 x 4			
Tie Plates, outside Hatchways				
Diagonal Tie Plates on Beams, No. of pairs				
Waterways material and scantlings				
Flat of Middle Deck do. do.	5 1/2	8 1/2		
How fastened to Beams				
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams	11 1/2	2 1/4		
Is the Stringer Plate attached to the outside plating?				
Angle Irons on ditto, No. 2	4 x 4	4 1/2		
Stringer or Tie Plates, outside Hatchways				
Flat of Lower Deck	6 1/2	from deck		
Coiling betwixt Decks, thickness and material in hold do. do.	3	2 1/2	4 1/2	3
Main piece of Rudder, diameter at head do. at heel	8		7	
Can the Rudder be unshipped afloat?	4		4	
Bulkheads No. 7 Thickness of 7 1/2				7 1/2
Height up 2 lower decks of Main deck frame				
How secured to sides of ship				
Size of Vertical Angle Irons 3/4 x 3/4 and distance apart 20 x 2				
Are the outside Plates doubled two spaces of Frames in length?				

The **FRAMES** extend in ^{11 1/2}~~10~~ length from gunwale to gunwale Riveted through plates with ^{3/4}~~1/2~~ in. Rivets, about ⁶~~7~~ apart.
The **REVERSED ANGLE IRONS** on floors and frames extend ~~across~~ middle line to ~~above~~ Main hatch stringer and to gunwale 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 $1\frac{1}{2}$ in. diameter, averaging $5\frac{1}{4}$ ins. from centre to centre.
Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets $5\frac{1}{4}$ in. diameter, averaging $5\frac{1}{4}$ ins. from centre to centre.
Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets $5\frac{1}{4}$ in. diameter averaging $5\frac{1}{4}$ ins. from centre to centre.
Butts of *Three* Strakes at Bilge for *Half* length, treble riveted with Butt Straps $\frac{1}{16}$ thicker than the plates they connect.
Edges from bilge to Main Sheerstrake, worked clencher, double ~~or single~~ riveted; with rivets $5\frac{1}{4}$ in. diameter, averaging $5\frac{1}{4}$ ins. from cr. to cr.
Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets $5\frac{1}{4}$ in. diameter, averaging $5\frac{1}{4}$ 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 $4\frac{1}{2}$ - 5 Breadth of laps of plating in single riveting *5*

aps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? *Don't know*
 how secured to Beams *Fuller Waterways* (Explain by Sketch, if necessary.)
 the various Decks, how secured to the sides? *Beam knees Riveted to frames* No. of Breasthooks,
 description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *1*
 the name or trade mark, *Palmer's Ship Building Iron Co. New York*
 there is a correct description of the material used in building the vessel
 Signature *Wm. Macdonald* Surveyor's Signature, *Wm. Macdonald*

Workmanship. Are the batts of plating planed or otherwise fitted? *Planed where practicable*
 Do the edges of the carvel work and of the batts lay close together throughout their length without requiring any making good of deficiencies? *yes*
 Are the fillings between the ribs and plates solid single pieces? *yes*
 Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes*
 Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surface? *yes*
 Do any rivets break into or through the seams or batts of the plating? *Very few in Butts only*

Masts, Bowsprit, Yards, &c., are in *good* condition, and sufficient in size and length. If of Iron or Steel give scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit *Fore and Mainmast of iron 83 feet extreme length 3.20 inches diam - Iron plates in the Round 7/16 tapering to 4/16 - Iron angle 4 x 3 1/2 x 1/2 - Seams Single and Butts Single Riveted & Redging -*

NUMBER for EQUIPMENT		Fathoms.	Inches.	Test per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	N°.	Weight, Ex. Stock.	Test per Certificate.	Weight req'd per Rule.	Test req'd per Rule.
N°.	SAILS.	CABLES, &c.										
	Fore Sails,	Chain ...	300	1 1/4	67 1/2	1 1/4	Bowers ...	3	37.2.11	34 1/2	36 1/2	33 1/2
	Fore Top Sails,	(Machine where Tied, date, and name of Superintendent)					(Machine where Tied, date, and name of Superintendent)		36.2.0	33 1/2	36 1/2	33 1/2
	Fore Topmast Stay Sails	Hampton Stream Cable	90	1 1/2	11 1/2	11 1/2	Stream ...	1	31.2.0	29 1/4	31.0.3	29 1/4
	Main Sails,	Hawser ...	30	1 1/2	11 1/2	11 1/2			12.0.13	14.1.21	14	
	Main Top Sails,	Towlines ...	30	8	8	8			6.0.1/2	7.0.18	7	
		Warp ...	30	5			Kedges ...		2.3.0	3.2.0	3 1/2	
		quality <i>good</i>	30	5								

Standing and Running Rigging *More & Pump* sufficient in size and *good* in quality. She has *four* *Life* Boat and *Iron* *stove*.
 The Windlass is *Emerson* *Master* *pl.* Capstan *—* and Rodder *good*. Pumps *Eight* *brass* *chambers*.
 Engine Room skylights—How constructed? *Iron coming in between* How secured in ordinary weather? *Brick set in*
 What arrangements for deadlights in bad weather? *Deadlights in each hatch*
 Coal Bunker Openings—How constructed? *3 ports on each side* How are lids secured? *Brick set in* Height above deck? *—*
 Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? *open inwards*

Cargo Hatchways—How formed? *Iron coming in*
 State size Main Hatch *16 x 10* Forehatch *16 x 10* Quarterhatch *12 x 9*
 (extraordinary size, state how framed and secured? *—*)
 Arrangement for shifting beams? *Shifting Beam track hatch*
 Strong and efficient? *yes*

DATES	When the ship was complete, and before the plating was wrought	When the plating was wrought	When the plating was riveted	When the beams were in and fastened, and before the decks were laid	When the ship was complete, and before the plating was finally coated or cemented	After the ship was launched and equipped	
1st.	On the several parts of the frame, when in place, and before the plating was wrought	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872
2nd.	On the plating during the process of riveting	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	
3rd.	When the beams were in and fastened, and before the decks were laid	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	
4th.	When the ship was complete, and before the plating was finally coated or cemented	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	
5th.	After the ship was launched and equipped	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	1872 April 20, May 6, 9, 12, 15, 20, 22, 24, 26, 28, 30, June 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, July 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Aug 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Sept 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Oct 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Nov 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, Dec 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 1872	

Intermediate Bands to Lower deck. Saw Bars of angle iron 3 1/2 x 7/16 connected together with 9/16 metal plates. With 6 transverse angle bars 3 1/2 x 3 1/2 x 7/16 to stiffen iron deck -
This vessel is double planked from keel to lower deck beams the distance between inner and outside plating is 26 ins tapering to 20 ins at lower deck. Plating of inner bottom is 7/16 in flat 4/16 sides single Riveted & edged and double at Butts -
She frames no and 17 and 18 and 19 feet each side of middle line and made watertight for bottom water ballast by 3rd rail girders 22 x 7/16 for 262 feet -
In consideration of the vessels above L. The Committee allowed stating the 1/8 thinner than a vessel of ordinary construction See a sketch letter 27 April 72.

State if one, two or three decked vessel, or if spar or cuning decked, and lengths of poop, forecabin or raised quarter deck, or of double or part double bottom.
 How are the surfaces preserved from oxidation? Inside *Cement in bottom Paint above* Outside *Paint*.
 I am of opinion this Vessel should be Classed *100 A-3 marked THREE DECKED and 11 DOUBLE BOTTOM.*

The amount of the Entry Fee ... £ 5 : - : - is received by me,
 Special ... £ 93 : 4 : -
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