

"Dewa Gunardhar" 1413  
**IRON SHIPS.**

No. 1541 Survey held at Belfast Date 11<sup>th</sup> July Rec. 16/7/57  
1857  
the ship "Parsee Merchant" for the Master

Tonnage Gross \_\_\_\_\_ Engine Room \_\_\_\_\_ Register 605 24 Built at Belfast  
When Built 11<sup>th</sup> July 57 By whom built Robert Jackson & Co Owners Edward Bates  
Port belonging to Singapore Destined Voyage \_\_\_\_\_  
Surveyed Afloat or in Dry Dock While Building

Length aloft ..... 175 <sup>Feet.</sup> 7 <sup>Inches.</sup> Extreme Breadth ..... 29 <sup>Feet.</sup> 5 <sup>Inches.</sup> Depth from top of Upper Deck } 17 <sup>Feet.</sup> 11 <sup>Inches.</sup> Beam to top of Floor ..... } Power of Engines .... Horse No. \_\_\_\_\_

Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	Inches in Ship.		Inches required per Rule.		Stem, if bar iron, moulding and thickness ....	Inches. In Ship.	16ths. In Ship.	Inches. required per Rule.	16ths. required per Rule.
	Inches. In Ship.	Inches. In Ship.	Inches. required per Rule.	Inches. required per Rule.					
	<u>16</u>		<u>16</u>		if plate iron, breadth and thickness ....	<u>7</u>	<u>2 3/4</u>	<u>7</u>	<u>2 3/4</u>
Floors, Size of Angle Iron, and No. <u>single</u> bottom of Floor Plate.....	<u>4</u>	<u>3</u>	<u>7/8</u>	<u>4</u>	<u>3</u>	<u>7/8</u>			
„ depth and thickness of Floor Plate at mid line .....	<u>18</u>		<u>7/8</u>	<u>18</u>		<u>7/8</u>			
„ depth and thickness of Floor Plate at Bilge Keelson .....	<u>5</u>		<u>7/8</u>						
„ Size of Reversed Angle Iron, and No. <u>single</u> at top of Floor Plate..	<u>3</u>	<u>2 1/2</u>	<u>7/8</u>	<u>3</u>	<u>2 1/2</u>	<u>7/8</u>			
Frames, Size of Angle Iron, single or double..	<u>4</u>	<u>3</u>	<u>7/8</u>	<u>4</u>	<u>3</u>	<u>7/8</u>			
„ „ Reversed Iron, if to every frame or every frame.....	<i>alternately from centre to top of Bilge and to gunwale</i>								
Beams, Deck (N <sup>o</sup> . <u>52</u> ) double Angle Iron or Bulb Iron with double Angle Iron on top .....	<u>7 3/8</u>		<u>7/8</u>	<u>7 3/8</u>		<u>7/8</u>			
„ „ depth & thickness of plate amidships									
„ „ double or single Angle Iron, on lower edge .....	<u>2 1/2</u>	<u>7/2</u>		<u>2 1/2</u>	<u>7/2</u>				
„ „ average space between .....									
„ „ if wood (N <sup>o</sup> . ) sided & moulded									
„ Hold, or Lower Deck (N <sup>o</sup> . <u>31</u> ) double Angle Iron or Bulb Iron with double Angle Iron on top	<u>7 3/8</u>		<u>7/8</u>	<u>7 3/8</u>		<u>7/8</u>			
„ „ depth & thickness of plate amidships									
„ „ double or single Angle Iron, on lower edge .....	<u>4 1/2</u>			<u>4 1/2</u>					
„ „ average space between .....									
„ „ if wood (N <sup>o</sup> . ) sided & moulded									
„ Paddle, wood, sided and moulded or if Iron, size of Plate .....									
„ Engine. „ „ „ „ .....									
Keelson, wood, sided & moulded, iron, size of plate, if Box, give sketch & dimensions	<i>1/2" plate 4x4 angle iron</i>								
„ Side or Bilge .....	<i>2 Rows of 4x4 angle iron</i>								
„ Number .....	<i>two</i>								

Transoms, material Iron or, if none, in what manner compensated for. Plates secured to frame & stern post with angle iron  
Knight-heads „ as per bulk head Bulkheads, N<sup>o</sup>. 2 Thickness of 1/2  
Hawse Timbers „ are they free from defects? „ how secured to the sides of the ship between a double frame

The Frames or Ribs extend in one length from keel to gunwale rivetted through plates with ( 3/4 in.) rivets, about ( 5 1/2 ) apart.  
The reverse angle irons on the floors extend in one length across the middle line from 4 ft on one side to alternately the top of Bilge & to gunwale

„ „ „ on the frames „ „ „ from do to do  
Keelson, how are the various lengths of plates or angle irons connected? with strips 8" broad & double rivetted

Plates, Garboard, double or single rivetted to keel & at upper edge, with rivets ( 7/8 ins.) diameter averaging ( 2 1/2 in.) from centre to centre of rivet.  
„ Edges from Garboards to upper part of bilge, worked carvel with a lining piece ( 9/16 in.) thick, or clencher, double or single rivetted; rivets ( 3/4 in.) diameter, averaging ( 2 1/4 ins.) from centre to centre of rivets.  
„ Butts from keel to turn of bilge, worked carvel with a lining piece ( 9/16 ) thick, double or single rivetted; rivets ( 3/4 in.) diameter, averaging ( 2 1/4 ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? alternately  
„ Edges from bilge to planksheer, worked carvel with a lining piece ( 7/16 ) thick, double or single rivetted; rivets ( 3/4 in.) diameter, averaging ( 2 1/4 in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? alternately  
„ Butts from bilge to planksheers, worked carvel with a lining piece ( 7/16 ) thick, or clencher, double or single rivetted; rivets ( 3/4 in.) diameter averaging ( 2 1/4 ins.) from centre to centre of rivets. Breadth of laps in double rivetting ( 4 1/2 ) Breadth of laps in single rivetting ( 2 1/2 )

Planksheer, how secured to the plating of the sides { Explain by sketch, }  
Waterway „ „ planksheer and to the Beams { if necessary. }  
Side trussing none breadth and thickness of plates \_\_\_\_\_ how secured?   
Deck trussing main deck none „ „ „ ?  
Deck Beams, how secured to the side? With knee plates welded to ends of Beams 18" and rivetted to frame  
Hold or Lower Deck „ Beams secured the same with knee plates, with diagonal trussing to fore  
Paddle „ „ and main mast and to stanchion plates 10" x 1/2"

No. of breasthooks 4 crutches 4 how are pointers compensated? by plate iron rivetted to frames  
What description of iron is used for the angle iron and plate iron in the vessel? \_\_\_\_\_

Builder's Signature Robert Jackson & Co  
Foundation  
IRON 432A-0238

1413 *June*

Workmanship. Are the lands or laps of the clenwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? *Yes*

Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *Yes*

Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? *in one length*

Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? *Yes* and are the rivet holes well and sufficiently countersunk in the outer plate? *Yes*

Are there any rivets which either break into or have been put through the seams or butts of the plating? *none through the laps but a few and one through the Butts*

Her Masts, Yards, &c., are in \_\_\_\_\_ condition, and sufficient in size and length.

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N <sup>o</sup> .			Fathoms. Inches.		N <sup>o</sup> . Weight.
	Fore Sails,	Chain .....			Bower, .....
	Fore Top Sails,	Hempen Stream Cable .....			Stream, .....
	Fore Topmast Stay Sails,	Hawser .....			Kedge, .....
	Main Sails,	Towlines .....			
	Main Top Sails,	Warp .....			
and		All of _____ quality.			

Her Standing and Running Rigging \_\_\_\_\_ sufficient in size and \_\_\_\_\_ in quality.

She has \_\_\_\_\_ Long Boat and \_\_\_\_\_

The present state of the Windlass is \_\_\_\_\_ Capstan *Very good* and Rudder *Good* Pumps *4 Cast Metal Good*

General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.

DATES of Surveys held while building, as per Section 17.	1st. On the several parts of the frame, when in place, and before the plating was wrought	} <i>While Building</i>
	2nd. On the plating during the progress of rivetting	
	3rd. When the beams were in and fastened, and before the decks were laid	
	4th. When the ship was complete, and before the plating was finally coated	
	5th. After the ship was launched	

*This Vessel has two watertight Bulkheads. The fore Bulkhead extending from keel to main deck. The after Bulkhead, from keel to raised quarter deck, distance from stem post. to after Bulkhead 52 feet do from after B<sup>o</sup> to fore B<sup>o</sup> 64 feet. do from fore B<sup>o</sup> to stem 53 feet.*

In what manner are the surfaces preserved from oxidation? *By 4 coats of best metallic paint outside and 3 coats of the same inside.*

I am of opinion this Vessel should be classed *120th*

The amount of the Fee .....£ 5 : - : - is received by me, *Wm. Strickland*

Special .....£ 15 : 2 : 6

Certificate (X required) .....£ : :

Committee's Minute *17<sup>th</sup> July 1857*

Character assigned *For 12 Years*

*She appears eligible for the class according to the rules*



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