

Sailing Vessel. IRON OR STEEL SAILING SHIP.

(Registered at London Office) 1892

Date of completion of Report 2nd March 1892 Port of *Greenock*

No. *10457* Survey held at *Port Glasgow* Date of First Survey *15th January 1891* Last Survey *24th February 1892*
 On the Sailing Vessel with Auxiliary Steam *"Maria Rickmers"* Five masted barque (Steel)

TONNAGE under Tonnage Deck *3164.92*

Do. of Poop *62.65*

Do. of raised Or. Deck *201.79*

No. of Bridge House *201.79*

of Houses on Deck *20.28*

excess of Hatchways

Forecastle *69.54*

Gross Tonnage *3822.18*

Less Crew Space *129.43*

TONNAGE FOR FEES *3692.75*

Stowage space *295.63*

Less Navigation spaces *53.16*

Register Tonnage *3343.96*

cut on Beam

TWO DECKED VESSEL.

CLASS *100 M. S. (Steel)*

Master *J. Gennrich*

Year of Appointment *64*

Built at *Port Glasgow*

When built *1891* Launched *18th Dec. 1891*

By whom built *Messrs Russell & Co.*

Owners *Rickmers, Reismühlen, Rhederei & Schiffbau Act. Ges.*

Managers

Residence *Bremerhaven*

Port belonging to *Bremerhaven*

Destined Voyage *Singapore via Cardiff* Surveyed while Building, Afloat, or in Dry Dock

DEPTH on deck per rule	Fect. <i>360</i>	Inches. <i>0</i>	BREADTH —Moulded	Fect. <i>47</i>	Inches. <i>10</i>	DEPTH —Top of Floors to Upper Deck Beams	Fect. <i>25</i>	Inches. <i>8</i>	No. of Decks with Flat laid	<i>Two</i>
									No. of Tiers of Beams	<i>2 deck frames</i>

Dimensions of Ship per Register, Length *375.75* breadth *48.0* depth *25.43*. Moulded depth, ft. *28* in. *4 1/2*. Round up of Beam *11 1/2* ins.

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule Or as Approved.
EL, Bar or Side Plates , depth and thickness	<i>11 x 3</i>	<i>11 x 3</i>
STEM , moulding and thickness	<i>11 x 3</i>	<i>11 x 3</i>
POST , do. do.	<i>11 x 4 1/2</i>	<i>11 x 4 1/2</i>
MAIN-PIECE OF RUDDER , diameter at head	<i>9</i>	<i>9</i>
" " " at heel	<i>4 1/2</i>	<i>4 1/2</i>
RUDDER , how constructed	<i>Iron forging, plated</i>	
Can the Rudder be unshipped afloat?	<i>Yes</i>	

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches 20ths in Ship.	Inches per Rule Or as Approved.	Inches 20ths per Rule Or as Approved.
FRAME , Angles, or Bars, for 1/2 length amidst	<i>6</i>	<i>3 1/2</i>	<i>10</i>	<i>6</i>	<i>3 1/2</i> <i>10</i>
Do. for 1/4 at each end	<i>6</i>	<i>3 1/2</i>	<i>9</i>	<i>6</i>	<i>3 1/2</i> <i>9</i>
Do. in way of Double Bottoms	<i>3 1/2</i>	<i>3 1/2</i>	<i>10</i>	<i>3 1/2</i>	<i>10</i>
Distance of Frames from moulding edge to moulding-edge, all fore and aft	<i>25</i>			<i>25</i>	
REVERSED FRAME , Angles	<i>4 1/2</i>	<i>3 1/2</i>	<i>9</i>	<i>4 1/2</i>	<i>3 1/2</i> <i>9</i>
FLOORS , depth and thickness of Floor Plate at mid-line for 1/2 length amidst					
thickness at the ends of vessel			<i>8</i>		<i>8</i>
depth at 1/4 the half breadth, as per Rule					
height extended at the Bilges					
FLOORS & BRACKETS , in Cell Dble Bottoms	<i>44</i>		<i>8</i>	<i>44</i>	<i>8</i>
" " distance apart	<i>25</i>			<i>25</i>	
CENTRE GIRDER , in Dbl. Btm., dpth & thckns	<i>44</i>		<i>10</i>	<i>44</i>	<i>10</i>
" " Angles, Top	<i>4</i>	<i>4</i>	<i>9</i>	<i>4</i>	<i>4</i> <i>9</i>
" " Bottom	<i>4</i>	<i>4</i>	<i>9</i>	<i>4</i>	<i>4</i> <i>9</i>
EDGE GIRDERS , number and thickness	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>3 1/2</i> <i>8</i>
" " Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>3 1/2</i> <i>8</i>
MARGIN PLATE , depth (exclusive of flange) and thickness	<i>30</i>		<i>9</i>	<i>30</i>	<i>9</i>
" " Angles	<i>4</i>	<i>4</i>	<i>9</i>	<i>4</i>	<i>4</i> <i>9</i>
INNER BOTTOM PLATING , br'dth & thckn's of Middle Line Strake	<i>36</i>		<i>10</i>	<i>36</i>	<i>10</i>
" " Remainder			<i>8</i>		<i>8</i>
DECK BEAMS , Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>11 1/2</i>		<i>10</i>	<i>11 1/2</i>	<i>10</i>
" " Angles on Upper Edge	<i>3 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>3 1/2</i>	<i>3 1/2</i> <i>8</i>
" " Average space			<i>50</i>		<i>50</i>
BEAMS , Lower Deck, Plate or Tee Bulb	<i>9</i>	<i>3</i>	<i>12</i>	<i>9</i>	<i>3</i> <i>12</i>
" " Angles on Upper Edge					
" " Average space	<i>25</i>			<i>25</i>	
BEAMS , Hold, Plate or Tee Bulb					
" " Angles on Upper Edge					
" " Average space					
BEAMS , Poop or Bridge Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>8</i>	<i>3</i>	<i>12</i>	<i>8</i>	<i>3</i> <i>12</i>
" " Angles on Upper Edge					
" " Average space	<i>50</i>			<i>50</i>	
BEAMS , Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>9</i>		<i>8</i>	<i>9</i>	<i>8</i>
" " Angles on Upper Edge	<i>3 1/2</i>	<i>3</i>	<i>7</i>	<i>3 1/2</i>	<i>3</i> <i>7</i>
" " Average space	<i>50</i>			<i>50</i>	
PILLARS , In 'tween Decks, at Centre line, Size	<i>2 1/8</i>			<i>2 1/8</i>	
" " " Spacing	<i>50</i>			<i>50</i>	
" " " Quarter	<i>2 1/8</i>			<i>2 1/8</i>	
" " " Spacing	<i>100</i>			<i>100</i>	
" " In Holds, at Centre line	<i>4 1/8</i>			<i>4 1/8</i>	
" " " Spacing	<i>50</i>			<i>50</i>	
" " " Quarter	<i>3 1/4</i>			<i>3 1/4</i>	
" " " Spacing	<i>100</i>			<i>100</i>	
WEB-FRAMES , Breadth and thickness	<i>18</i>		<i>10</i>	<i>18</i>	<i>10</i>
" " Number and Spacing	<i>18</i>		<i>10</i>	<i>18</i>	<i>10</i>
Number of Side Stringers, breadth and thickness	<i>18</i>		<i>10</i>	<i>18</i>	<i>10</i>
Size of Angles or Tee Bars to Web-Frames	<i>4 1/2</i>	<i>3 1/2</i>	<i>9</i>	<i>4 1/2</i>	<i>3 1/2</i> <i>9</i>

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches 20ths in Ship.	Inches per Rule Or as Approved.	Inches 20ths per Rule Or as Approved.
CENTRE LINE KEELSON , Vertical Plate above floors, Through Plate, or Intercostal Plate					
" " Rider Plate					
" " Bulb Plate to Intercostal Keelson					
" " Horizontal Plates above floors					
" " Angles					
SIDE KEELSON , Angles					
" " Bulb Plate for length					
" " Intercostal Plate for length					
" " Attached to outside Plating with Angle					
BILGE KEELSON , Angle					
" " Bulb Plate for length					
" " Intercostal Plates for length					
" " Attached to outside Plating with Angle					
BILGE STRINGER , Angles					
" " Bulb Plate for length					
" " Intercostal Plates for length					
" " Attached to outside Plating with Angle					
SIDE STRINGER , Angles					
" " Bulb Plate for length					
" " Intercostal Plate for length					
" " Attached to outside Plating with Angle					
Main Deck Stringer Plate , on end of Beams, breadth and thickness	<i>59</i>	<i>13</i>	<i>59</i>	<i>13</i>	<i>59</i> <i>13</i>
" " Angle on ditto	<i>4 1/2</i>	<i>4 1/2</i>	<i>11</i>	<i>4 1/2</i>	<i>4 1/2</i> <i>11</i>
" " Tie Plates fore and aft, outside Hatchways					
" " Diagonal Tie Plates on Bms., No. of Prs.					
" " Flat of Deck*, material and thickness	<i>3 1/2</i>	<i>4 P.</i>		<i>3 1/2</i>	<i>4 P.</i>
" " How fastened to Beams	<i>8</i>			<i>8</i>	
Lower Deck Stringer Plate , on ends of Beams, breadth and thickness	<i>50</i>	<i>9</i>	<i>50</i>	<i>9</i>	<i>50</i> <i>9</i>
Is the Stringer Plate attached to the Outside Plating?	<i>Yes</i>				
" " Angles on ditto, No. 2	<i>4 1/2</i>	<i>4 1/2</i>	<i>9</i>	<i>4 1/2</i>	<i>4 1/2</i> <i>9</i>
" " Tie Plates, outside Hatchways					
" " Diagonal Tie Plates on Bms., No. of prs.					
" " Flat of Deck, material and thickness	<i>Steel</i>			<i>Steel</i>	
" " How fastened to Beams	<i>8</i>			<i>8</i>	
Hold Stringer Plate , on end of Beams					
Is the Stringer Plate attached to the Outside Plating?					
" " Angles on ditto, No.					
" " Tie Plate outside Hatchways					
" " Flat of Deck, material and thickness					
Poop or Bridge Deck Stringer Plate , breadth and thickness	<i>46</i>	<i>7</i>	<i>46</i>	<i>7</i>	<i>46</i> <i>7</i>
" " Angle	<i>3 x 3</i>	<i>9</i>		<i>3 x 3</i>	<i>9</i>
" " Tie Plates on Beams	<i>13</i>	<i>4</i>		<i>13</i>	<i>4</i>
" " Flat of Deck, material and thickness	<i>3 P.</i>	<i>4 P.</i>		<i>3 P.</i>	<i>4 P.</i>
Forecastle Deck Stringer Plate , br'dth & thckns	<i>40</i>	<i>7</i>	<i>40</i>	<i>7</i>	<i>40</i> <i>7</i>
" " Angle	<i>3 x 3</i>	<i>7</i>		<i>3 x 3</i>	<i>7</i>
" " Tie Plates on Beams	<i>13</i>	<i>6</i>		<i>13</i>	<i>6</i>
" " Flat of Deck, material and thickness	<i>3 P.</i>	<i>6 P.</i>		<i>3 P.</i>	<i>6 P.</i>

PLATING.

	Inches in Ship.	Inches in Ship.	Inches 20ths in Ship.	Inches per Rule Or as Approved.	Inches 20ths per Rule Or as Approved.
CENTRE LINE KEEL , breadth and thickness					
PLATES in Garboard Strakes, br'dth & thckn's from Garboard to lower part of Bilges	<i>36</i>	<i>14</i>	<i>36</i>	<i>14</i>	<i>36</i> <i>14</i>
" " State Thickness of Plating in way of Double Bottom	<i>11 x 12</i>			<i>11 x 12</i>	
" " Bilges, number of Strakes, and thickness	<i>3</i>			<i>3</i>	
" " Of doubling at Bilge, or increased thickness, and length applied	<i>3</i>			<i>3</i>	
" " from up. part of Bilge to edge of Sh. strake	<i>15</i>			<i>15</i>	
" " Strake in way of Lower Deck Beams	<i>15</i>			<i>15</i>	
Sheerstrake , breadth and thickness	<i>44</i>	<i>17</i>	<i>44</i>	<i>17</i>	<i>44</i> <i>17</i>
" " Poop or Bridge Sides					
" " Forecastle Sides					
Lengths of Plating					

