

## Sailing Vessel. IRON OR STEEL SAILING SHIP.

MON 31 AUG 1896

Port of *Glasgow* Date of completion of Report *29th August 1896* Received at London Office  
Survey held at *Port Glasgow* Date of First Survey *1st April* Last Survey *29th August* 18*96*  
On the *Steel Barque* "FALKIRK" Rig *Three masted Barque*

TONNAGE under  
Tonnage Deck } *1878.42*Do. of Poop *64.89*Do. of raised Or. }  
Do. of Break } *33.89*Do. of Forecastle *8.78*

Do. of Houses on Deck

Do. of covers of Hatchways

Gross Tonnage *1985.98*Less Crew Space *43.47*TONNAGE FOR FEES.. *1942.51*Less Navigation spaces *80.59*Register Tonnage *1861.92*  
(as cut on Beam....)

ONE OR TWO DECKED VESSEL.

CLASS *100 A1* (Steel)Half Breadth (moulded)..... *19.95*Depth from upper part of Keel to top of Upper Deck Beams *25.95*Girth of Half Midship Frame (as per Rule)..... *41.83*1st Number ..... *87.73*Length ..... *256.33*2nd Number ..... *224.87*Proportions—Breadths to Length ..... *6.4*Depths to Length—Upper Deck to top of Keel ..... *9.8*Destined Voyage *Barry to load for*Master *H. Bridgman*Year of Appointment *1896*Built at *Port Glasgow*When built *1896* Launched *11th August*By whom built *William Hamilton & Co*Owners *"Falkirk" Ship Co (Lims)*Managers *Potter Brothers*

(Where necessary to be entered in Reg. Book.)

Residence *London*Port belonging to *London*

and

Surveyed while Building, Afloat, or in Dry Dock.

LENGTH on deck Feet. Inches. BREADTH— Feet. Inches. DEPTH— Feet. Inches. No. of Decks with Flat laid *One*  
as per rule ..... *256* *4* Moulded..... *39* *10 1/2* Top of Floors to Upper Deck Beams.. *23* *10 1/2* No. of Tiers of Beams *Two*  
Dimensions of Ship per Register, Length, *268.0* breadth, *40.0* depth, *23.75* Moulded depth, ft. *25* in. *1 1/4* Round up of Beam *10 1/4* ins.

## FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar or Side Plates, depth and thickness	<i>10 x 2 1/2</i>	<i>10 x 2 1/2</i>
STEM, moulding and thickness.....	<i>10 x 2 1/2</i>	<i>10 x 2 1/2</i>
STERN-POST, do. do. ....	<i>10 x 2 1/2</i>	<i>10 x 2 1/2</i>
MAIN-PIECE of RUDDER, diameter at head..	<i>7</i>	<i>7</i>
" " " at heel..	<i>5 1/2</i>	<i>5 1/2</i>
" " " " " " " " " " " "	<i>3 1/2</i>	<i>3 1/2</i>

RUDDER, how constructed *Forged frame: Single plate*  
Can the Rudder be unshipped afloat? *Yes Portland Patent Coupling*

## FRAMING.

	Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Approved.
FRAME, Angles, <i>2</i> Bars, for $\frac{1}{2}$ length amidships.....	<i>5 1/2</i>	<i>3 1/2</i>	<i>8</i>	<i>5 1/2</i>	<i>3 1/2</i>	<i>8</i>
Do. for $\frac{1}{2}$ at each end .....	<i>5 1/2</i>	<i>3 1/2</i>	<i>7</i>	<i>5 1/2</i>	<i>3 1/2</i>	<i>7</i>
Distance of Frames from moulding edge to moulding edge, all fore and aft .....	<i>24</i>	<i>24</i>	<i>24</i>	<i>24</i>	<i>24</i>	<i>24</i>
REVERSED FRAME, Angles.....	<i>4</i>	<i>3 1/2</i>	<i>8</i>	<i>4</i>	<i>3 1/2</i>	<i>8</i>
DECK FRAMING, depth of girder .....	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>
FLOORS, depth and thickness of Floor Plate at mid line for $\frac{1}{2}$ length amidships..	<i>25</i>	<i>10</i>	<i>25</i>	<i>10</i>	<i>25</i>	<i>10</i>
" thickness at the ends of vessel .....	<i>9.8</i>	<i>9.8</i>	<i>9.8</i>	<i>9.8</i>	<i>9.8</i>	<i>9.8</i>
" depth at $\frac{1}{2}$ the half breadth, as per Rule ..	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>	<i>12 1/2</i>
" height extended at the Bilges .....	<i>50</i>	<i>50</i>	<i>50</i>	<i>50</i>	<i>50</i>	<i>50</i>
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb .....	<i>9 1/2</i>	<i>9</i>	<i>9 1/2</i>	<i>9</i>	<i>9 1/2</i>	<i>9</i>
" Angles on Upper Edge .....	<i>3 1/2</i>	<i>3 1/2</i>	<i>7</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>7</i>
" Average space.....	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>
BEAMS, Lower Deck, Plate or Tee Bulb.....	<i>10 1/2</i>	<i>9</i>	<i>10 1/2</i>	<i>9</i>	<i>10 1/2</i>	<i>9</i>
" Angles on Upper Edge .....	<i>3 1/2</i>	<i>3 1/2</i>	<i>7</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>7</i>
" Average space.....	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>
BEAMS, Hold, Plate or Tee Bulb .....	<i>6 1/2</i>	<i>3</i>	<i>8</i>	<i>6 1/2</i>	<i>3</i>	<i>8</i>
" Angles on Upper Edge .....	<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Average space.....	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb .....	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>
" Angles on upper edge .....	<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Average space.....	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>
BEAMS, Forecastle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb .....	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>	<i>7</i>
" Angles on Upper Edge .....	<i>3</i>	<i>3</i>	<i>6</i>	<i>3</i>	<i>3</i>	<i>6</i>
" Average space.....	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>	<i>48</i>

PILLARS, In 'tween Decks, Size and Spacing *2 1/4* - *48* *2 1/4* - *48*

" " Hold " " *4* - *48* *4* - *48*

" " Quarter, 'tween Dks. " " " " " "

" " in Holds, " " " " " "

## WEB FRAMES, Number and Spacing

" " Breadth and thickness.....

" No. of Side Stringers, breadth & thickness.....

" Size of Angles or Tee Bars to Web Frames

## BRACKET PLATES to Stringers between Web Frames, Depth and Thickness

## KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>20</i>	<i>13</i>	<i>20</i>	<i>13</i>	<i>20</i>	<i>13</i>
" Rider Plate.....	<i>12 1/4</i>	<i>13</i>	<i>12 1/4</i>	<i>13</i>	<i>12 1/4</i>	<i>13</i>
" Bulb Plate to Intercoastal Keelson .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Horizontal Plates above floors .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Angles.....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
SIDE KEELSON, Angles .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Bulb or Plate above floors for .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Intercoastal Plate for as practicable length .....	<i>3 1/2</i>	<i>3 1/2</i>	<i>9</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>9</i>
" Attached to outside Plating with Angle..	<i>3 1/2</i>	<i>3 1/2</i>	<i>9</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>9</i>
BILGE KEELSON, Angle .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Bulb above floors for .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Intercoastal Plates for .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Attached to outside Plating with Angle..	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
BILGE STRINGER, Angles .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Bulb Plate for as practicable length .....	<i>9 1/2</i>	<i>9</i>	<i>9 1/2</i>	<i>9</i>	<i>9 1/2</i>	<i>9</i>
" Intercoastal Plates for .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Attached to outside Plating with Angle..	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
SIDE STRINGER, Angles .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Bulb Plate for as practicable length .....	<i>9 1/2</i>	<i>9</i>	<i>9 1/2</i>	<i>9</i>	<i>9 1/2</i>	<i>9</i>
" Intercoastal Plate for .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Attached to outside Plating with Angle..	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
UPPER SIDE STRINGER, Angles .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Bulb Plate for .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Intercoastal Plate for .....	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>
" Attached to outside Plating with Angle..	<i>6</i>	<i>4</i>	<i>9</i>	<i>6</i>	<i>4</i>	<i>9</i>

Main Deck Stringer Plate, breadth and thickness..... *54* *10* *54* *10*  
" Angle on ditto..... *4 1/2 x 4 1/2* *10* *4 1/2 x 4 1/2* *10*  
" Tie Plates fore and aft, outside Hatchways..... *15* *10* *15* *10*  
" Diagonal Tie Plates, No. of Pcs. *5 1/2* each *15* *10* *15* *10*

" Main Deck Iron or Steel for .....

" Wood Deck, Material & thickness..... *4" P. 10* *4"*

Lower Deck Stringer Plate, breadth and thickness..... *38* *9* *38* *9*

Is the Stringer Plate attached to the Outside Plating? *Yes*

" Angles on ditto, No. *2*..... *4 1/2 x 4 1/2* *9* *4 1/2 x 4 1/2* *9*

" Tie Plates, outside Hatchways..... *15* *9* *15* *9*

" Diagonal Tie Plates, No. of Pcs. *2 1/2* each *2 1/2* *10* *2 1/2* *10*

" Deck, Material & thickness..... *2 1/2* *10* *2 1/2* *10*

Hold Stringer Plate.....

Is the Stringer Plate attached to the Outside Plating? *No*

" Angles on ditto, No. ....

Poop Deck Stringer Plate, breadth & thickness..... *24* *6* *24* *6*

" Angle on ditto..... *3 1/2 x 3 1/2* *7* *3 1/2 x 3 1/2* *7*

" Tie Plates..... *11* *6* *11* *6*

" Deck, Material and thickness..... *3" P. 10* *3"*

Bridge Deck Stringer Plate, breadth & thickness.....

" Angle on ditto.....

" Tie Plates.....

" Deck, Material and thickness.....

Forecastle Deck Stringer Plate, b'dth & thkns..... *27* *6* *24* *6*

" Angle on ditto..... *3 1/2 x 3 1/2* *7* *3 1/2 x 3 1/2* *7*

" Tie Plates..... *11* *6* *11* *6*

" Deck, Material and thickness..... *3" P. 10* *3"*

\* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up.
In Vessel.	Per Rule.	Horizontal.	Vertical.	Spacing.	
W. T. BULKHEADS	<i>1</i>	<i>7-6</i>	<i>7 x 3 x 9</i>	<i>5 1/2 x 3 1/2 x 8</i>	<i>48H</i>
PARTITION "	<i>1</i>	<i>7-6</i>	<i>7 x 3 x 9</i>	<i>5 1/2 x 3 1/2 x 8</i>	<i>48H</i>

Are the outside Plates doubled two spaces of Frames in length? *Yes*

PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. KEEL (Riveting) GABBOARD OF A Strake B C D E F G H J K L M N POOP or R. & Dk. SIDES BRIDGE SIDES FORECASTLE SIDES LENGTHS OF PLATING

Correspondence. State dates and initials of letters respecting this case. Workmanship. Are the butts of plating planed or otherwise fitted? Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the lapping surfaces? Do any rivets break into or through the seams or butts of the plating? Are the butts of plating, stringers, &c., properly shifted and strapped or lapped? General Remarks (State quality of workmanship, &c.)