

# IRON SHIP.

Recd 20/1/82 8228  
1882

Survey held at Greenock Date, First Survey 16<sup>th</sup> Decr/81 Last Survey 1<sup>st</sup> July (47 visits)

Steel S.S. "Seviotdale"

Under Deck	1446.79	ONE, OR TWO DECKED, THREE DECKED VESSEL,
Spar Deck	117.27	SPAR, OR AWNING DECKED VESSEL.
op. Deck	53.19	Half Breadth (moulded) .. .. .
ouses Deck	26.20	Depth from upper part of Keel to top of Upper Deck Beams .. .. .
Forecastle	34.39	Girth of Half Midship Frame (as per Rule) .. .. .
Image	1549.81	1st Number .. .. .
Space	58.56	1st Number, if a 3-Decked Vessel .. deduct 7 feet
ine Room	1523.28	Length .. .. .
Tonnage	505.53	2nd Number .. .. .
in Beam	1014.73	Proportions— Breadths to Length .. .. .
		Depths to Length—Upper Deck to Keel .. .. .
		Main Deck ditto .. .. .

Master C. Houston  
Built at Greenock.  
When built 1881-82. Launched 18<sup>th</sup> May/82  
By whom built Robt Steele  
Owners Robt Macmillan  
Residence 29 Waterloo St Glasgow  
Port belonging to Glasgow  
Destined Voyage Newport-S. Wales  
If Surveyed while Building, Afloat, or in Dry Dock.  
while Building and afloat

H	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH top of Floors to Upper	Feet.	Inches.	Power of	Horse.	N <sup>o</sup> . of Decks with flat laid	N <sup>o</sup> . of Tiers of Beams
Deck as	254	—	Moulded...	35	0	Deck Beams	21	—	Engines ...	165	Two	Two
le ...						Do. do. Main Deck Beams.....						
ions of Ship per Register, length,	256.05		breadth,	35.2		depth,	20.8					
depth and thickness												
moulding and thickness...												
POST for Rudder do. do.												
" for Propeller												
se of Frames from moulding edge to												
ding edge, all fore and aft												
ES, Angle Iron, for 1/2 length amidships												
for 1/2 at each end												
RSSED FRAMES, Angle Iron												
RS, depth and thickness of Floor Plate												
id line for half length amidships												
thickness at the ends of vessel												
depth at 1/4 the half-bdth. as per Rule												
height extended at the Bilges...												
MS, Upper, Spar, or Awning Deck												
e or d'ble Ang. Iron, Plate or Tee Bulb Iron												
e or double Angle Iron on Upper edge												
verage space...												
MS, Main, or Middle Deck												
le or d'ble Ang. Iron, Plate or Tee Bulb Iron												
le, or double Angle Iron, on Upper Edge												
verage space...												
MS, Lower Deck												
le or d'ble Ang. Iron, Plate or Tee Bulb Iron												
le or double Angle Iron on Upper Edge												
verage space...												
MS, Hold, or Orlop												
le or d'ble Ang. Iron, Plate or Tee Bulb Iron												
le or double Angle Iron on Upper Edge												
verage space...												
ELSONS Centre line, single or double plate,												
box, or Intercoastal, Plates												
Rider Plate												
Bulb Plate to Intercoastal Keelson												
Angle Irons												
Double Angle Iron Side Keelson												
Side Intercoastal Plate												
do. Angle Irons												
Attached to outside plating with angle iron												
ILGE Angle Irons												
do. Bulb Iron												
do. Intercoastal plates riveted to												
plating for length												
ILGE STRINGER Angle Irons												
Intercoastal plates riveted to plating for												
length												
IDE STRINGER Angle Irons												

Inner bottom  
Constructed of  
single 10 cent  
and as shown  
on approved  
sketches.

Flat Keel Plates, breadth and thickness												
PLATES in Garboard Strakes, br'dth & thickness	36	20	36	20								
" From Garboard to upper part of Bilges...	—	16	—	16								
" Of d'bling at Bilge, or increased thickness,	—	—	—	—								
and length applied	—	16-18	—	16-18								
" From up. prt of Bilge to l. edge of Sh'rstrake...	—	—	—	—								
Main Sheerstrake, breadth and thickness.....	40	21	40	21								
" Of d'bling at Sh'stk. & lng. applied	—	—	—	—								
" From M'n. to Up. or Spar Dk. Sh'rstrake...	—	—	—	—								
" Up. or Spar Dk Sh'rstrake, br'dth & thicken's...	11 1/2 x 16-18-20	32	11 1/2 x 16-18-20	32								
Butt Straps to outside plating, breadth & thickness	16 3/4 x 18-20-23	32	16 3/4 x 18-20-23	32								
Lengths of Plating	6 frame spaces	32	5 ft spaces	32								
Shifts of Plating, and Stringers	at least 2 ft spaces	2	—	—								
Gunwale Plate on ends of	37	16	37	16								
Upper Deck Beams, breadth and thickness...	5 1/2 x 4-15 1/2	5 1/2 x 4-15 1/2	5 1/2 x 4-15 1/2	5 1/2 x 4-15 1/2								
Angle Iron on ditto	24 x 15 1/2	24 x 15 1/2	24 x 15 1/2	24 x 15 1/2								
Tie Plates fore and aft, outside Hatchways	—	—	—	—								
Diagonal Tie Plates on Beams No. of Pairs	—	—	—	—								
Flat of Up., Spar, or Awning Dk. Complete deck	15 1/2 ft	—	10	—								
How fastened to Beams	—	—	—	—								
Stringer Plate on ends of Main or Middle Deck	—	—	—	—								
Beams, breadth and thickness	—	—	—	—								
Is the Stringer Plate attached to the outside plating?	—	—	—	—								
Angle Irons on ditto, No.	—	—	—	—								
Tie Plates, outside Hatchways	—	—	—	—								
Diagonal Tie Plates on Beams, No. of pairs	—	—	—	—								
Flat of Middle Deck* do. do.	—	—	—	—								
How fastened to Beams	—	—	—	—								
Stringer Plates on ends of Lower Deck, Hold	35	15	35	15								
Orlop Beams	—	—	—	—								
Is the Stringer Plate attached to the outside plating?	300	—	—	—								
Angle Irons on ditto, No. 3 - 2 1/4 x 4 1/2	14 1/2	15	14 1/2	15								
Stringer or Tie Plates, outside Hatchways	14	15	14	15								
Flat of Lower Deck*	3	—	3	—								
Ceiling betwixt Decks, thickness and material	2 1/2	—	2 1/2	—								
" in hold	2 1/2	—	2 1/2	—								
also. Am. Riv. doubling under hatches	7	—	7	—								
Main piece of Rudder, diameter at head	3 1/2	—	3 1/2	—								
do. at heel	3 1/2	—	3 1/2	—								
Can the Rudder be unshipped afloat?	300	—	—	—								
Bulkheads No. 7 No. per Rule 4.	—	—	—	—								
" Thickness of 7/16 to 6/16.	—	—	—	—								
" Height up as per profile drawing	—	—	—	—								
" How secured to sides of ship between double frames.	—	—	—	—								
" Size of Vertical Angle Irons 3 1/2 x 3 8/16 and distance apart 30 ins.	—	—	—	—								
" Are the outside Plates doubled two spaces of Frames in length?	300	—	—	—								

The FRAMES extend in one length from Keel to Tank side above to Gunwale  
The REVERSED ANGLE IRONS on floors and frames extend from middle line to upper D<sup>th</sup> in Ex Bay area and upper D<sup>th</sup> in Ex Bay area 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 1/8 in. diameter, averaging 5 1/2 ins. from centre to centre.  
Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from centre to centre.  
Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 7/8 in. diameter averaging 3 1/2 ins. from centre to centre.  
Butts of 3 Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 1/16 thicker than the plates they connect.  
Edges from Bilge to Main Sheerstrake, worked clencher, double or single riveted; with rivets 7/8 in. diameter, averaging 3 1/2 ins. from cr. to cr.  
Butts from Bilge to Main Sheerstrake, worked carvel, double riveted; with rivets 7/8 in. diameter, averaging 3 1/2 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 1/2 length amidships. Butts of Upper or Spar Sheerstrake, treble riveted 1/2 length amidships.  
Butts of Main Stringer Plate, treble riveted for 1/2 length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for 1/2 length.  
Breadth of laps of plating in double riveting 5 1/4 Breadth of laps of plating in single riveting 2 3/4.  
No. of Breasthooks, 2 Crutches, 2  
Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted? as required  
What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? good.  
Manufacturer's name or trade mark, Frames & Reverses, Mossend, Glasgow, Scotland, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.  
The above is a correct description.  
Builder's Signature, Robert Steele & Co. Surveyor's Signature, J. A. Lawrie  
Surveyor to Lloyd's Register of British and Foreign Shipping.

State clearly where plating is of alternate thickness—as distinguished from diminished thickness at ends of vessel.

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

PFT-O-862



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.*

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 faying surfaces? *Yes.*

Do any rivets break into or through the seams or butts of the plating? *In a few cases at the butts only.*

Rig - Topsail Schooner.  
Fore mast - Extreme length 76 feet. at deck  $23\frac{1}{2} \times 9\frac{1}{16}$ ; at head  $15\frac{1}{2} \times 5\frac{1}{16}$ .  
Main " " " " " " " " " " " " " " " "

[illegible]

Reference should be made to any correspondence connected with the case.

...and before the end of Committee's Minute.)