

IRON SHIP.

3339

339 Survey held at *Aberdeen* Date, First Survey *May 25 1881* Last Survey *March 1881* 1881

*Glenelder Iron Co. Ltd.*

Master *P. Cannon*

ONE, OR TWO DECKED, THREE DECKED VESSEL.  
SPAR, OR AWNING-DECKED VESSEL.  
Feet.  
HALF BREADTH (included) ... 15.45  
DEPTH from upper part of Keel to top of Upper Deck Beams 15.12  
GIRTH of Half Midship Frame (as per Rule) ... 24.45  
1st NUMBER ... 58.32  
2nd NUMBER ... 1134.08  
PROPORTIONS—Breadths to Length ... 6.24  
Depths to Length—Upper Deck to Keel ... 12.82  
Main Deck ditto ...

Built at *Aberdeen*  
When built *1881* Launched *12 Feb 1881*  
By whom built *James A. Hall & Co.*  
Owners *James Cannon & Fleming*  
Port belonging to *Aberdeen*  
Destined Voyage *Baltic*  
If Surveyed while Building, Afloat, or in Dry Dock.  
*Under Special Survey*

Feet. Inches. BREADTH—Moulded... 30.9  
Feet. Inches. DEPTH top of Floors to Upper Deck Beams 15.12  
Feet. Inches. DEPTH Do. do. Main Deck Beams 15.12  
Power of Engines ... 99  
Horse. ...  
Nº. of Decks with flat laid *One*  
Nº. of Tiers of Beams *Two*

	Inches in Ship.	Inches per Rule.
depth and thickness ...		
IN-POST for Rudder do. do. ...	4 x 2 1/2	4 x 2 1/4
for Propeller ...	4 x 4 1/2	4 x 4 1/2
Distance of Frames from moulding edge to building edge, all fore and aft ...	22 inches	22 inches
MEAS, Angle Iron, for 3/4 length amidships ...	3 1/2 x 3	3 1/2 x 3
do. for 1/2 at each end ...	3 1/2 x 3	3 1/2 x 3
REVERSED FRAMES, Angle Iron ...	3 x 2 1/2	3 x 2 1/2
DOORS, depth and thickness of Floor Plate ...	14	14
mid line for half length amidships ...		
thickness at the ends of vessel ...		
depth at 3/4 the half-bdth. as per Rule ...	10 1/2	8 1/2
height extended at the Bilges ...	34 inches	34 inches
AMS, Upper, Spar, or Awning Deck ...	4 1/2 x 3	4 1/2 x 3
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron ...		
Angle or double Angle Iron on Upper edge ...	5 1/2 x 3	5 1/2 x 3
Average space ...		
AMS, Main, or Middle Deck ...		
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron ...		
Angle or double Angle Iron, on Upper Edge ...		
Average space ...		
AMS, Lower Deck, Hold, or Orlop ...		
Angle or d'ble Ang. Iron, Plate or Tee Bulb Iron ...		
Angle or double Angle Iron on Upper Edge ...		
Average space ...		
KEELSONS Centre line, single or double plate, ...		
and 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 ...		
BILGE Angle Irons ...		
do. Bulb Iron ...		
do. Intercoastal plates riveted to plating for 1/2 length ...		
BILGE STRINGER Angle Irons ...		
Intercoastal plates riveted to plating for length ...		
IDE STRINGER Angle Irons ...		

	Inches in Ship.	16ths in Ship.	Inches per Rule.	16ths per Rule.
Flat Keel Plates, breadth and thickness ...	30	12/16	32	12/16
PLATES in Garboard Strakes, breadth and thickness from Garboard to upper part of Bilges ...				
of doubling at Bilge, or increased thickness, and length applied 1/2 length ...				
fm up. part of Bilge to lr. edge of Sh'rstrake ...				
Main Sheerstrake, breadth and thickness of d'bling at Sh'rstrake, & length applied from Mn. to Upr. or Spar Dk. Sh'rstrake. ...	43	12/16	33	12/16
Up. or Spar Dk Sh'rstrake, breadth & thickness ...				
Butt Straps to outside plating, breadth & thickness ...	10 1/4	14 1/4	9 3/4	11 3/4
Lengths of Plating ...	9.2		9.2	
Shifts of Plating, and Stringers ...				
Gunwale Plate on ends of Awning, Spar, or Upper Deck Beams, breadth and thickness ...	28	9/16	28	9/16
Angle Iron on ditto ...	4 1/2	3 x 4/16	4 1/2	3 x 4/16
Tie Plates fore and aft, outside Hatchways ...				
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 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 ...				
Waterways materials and scantlings ...				
Flat of Middle Deck do. do. ...				
How fastened to Beams ...				
Stringer Plates on ends of Lower Deck, Hold or Orlop Beams ...	18	4/16	18	4/16
Is the Stringer Plate attached to the outside plating? ...				
Angle Irons on ditto, No. ...	4 1/2	3 x 4/16	4 1/2	3 x 4/16
Stringer or Tie Plates, outside Hatchways ...				
Flat of Lower Deck ...				
Ceiling betwixt Decks, thickness and material ...	1 1/4			
in hold do. do. ...	2 1/2		2 1/2	
Main piece of Rudder, diameter at head ...	4 3/4		4 1/2	
do. at heel ...	2 3/4		2 1/4	
Can the Rudder be unshipped afloat? ...				
Bulkheads No. 5 Thickness of ...				
Height up to 22 Deck ...				
How secured to sides of ship ...				
Size of Vertical Angle Irons ... and distance apart ...				
Are the outside Plates doubled two spaces of Frames in length? ...				

ansoms, material. Knight-heads. Hawse Timbers. *plates & frames*  
Windlass *Common Walker Pall Bitt*  
FRAMES extend in one length from *Keel* to *gunwale*  
REVERSED ANGLE IRONS on floors and frames extend *across* middle line to *above hold beams* and to *gunwale*  
Are the various lengths of Plates and Angle Irons properly connected? *Yes*  
Riveted through plates with *3/4* in. Rivets, about *5* apart.  
And butts properly shifted? *Yes*  
Rivets, double riveted to Keel, with rivets *3/8* in. diameter, averaging *3 1/4* ins. from centre to centre.  
Rivets, double riveted to upper part of Bilge, worked clencher, double riveted; with rivets *3/4* in. diameter, averaging *3 1/4* ins. from centre to centre.  
Rivets, double riveted to upper part of Bilge, worked carvel, double riveted; with rivets *3/4* in. diameter averaging *3 1/4* ins. from centre to centre.  
Rivets, double riveted to upper part of Bilge for *half* length, treble riveted with Butt Straps *1/16* thicker than the plates they connect.  
Rivets, double riveted to upper part of Bilge, worked clencher, double or single riveted; with rivets *3/4* in. diameter, averaging *3 1/4* ins. from cr. to cr.  
Rivets, double riveted to upper part of Bilge, worked carvel, double riveted; with rivets *3/4* in. diameter, averaging *3 1/4* ins. from cr. to cr.  
Rivets, double or single riveted.  
Upper Sheerstrake, double or single riveted.  
Rivets, treble riveted for *1/2* length amidships. Butts of Upper or Spar Sheerstrake, treble riveted *1/2* length amidships.  
Rivets, treble riveted for *1/2* length amidships. Butts of Upper or Spar Stringer Plate, treble riveted for *1/2* length.  
Rivets, double riveting *4 1/4* to *5 1/4* Breadth of laps of plating in single riveting *2 1/4* to *bulwark*  
Rivets, treble, double or single Riveted? *Double and treble riveted*  
(Explain by Sketch, if necessary.)  
Sides? *Welded joints riveted to the frame* No. of Breasthooks, *four* Crutches, *four*  
Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? *James A. Hall & Co. plating*  
Surveyor's Signature, *W. H. H.*  
Surveyor to Lloyd's Register of British and Foreign Shipping.

ABU7-0617

