

1 or 2 Dks., R.Q.Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 7358
FRI. 17 OCT 1902

Survey held at *Aberdeen*
On the *Steel Screw Steamer*

State of Report is also sent on the Machinery of the Vessel *yes*
Date of completion of Report *Oct. 16th 1902*
Date, First Survey *Feb. 28th*

Port of *Aberdeen*
Last Survey *Oct. 1st 1902*
Rig *Three pole masts*

Master *John Williams*
Year of appointment *(1) As master in service of
owner of present vessel: 1897
(2) As master of this
vessel: 1902*

TONNAGE under
Tonnage Deck... *268.24*
Do. of Poop... *47.12*
Do. of Raised Or.
Dk. or Break... *15.35*
Do. of Bridge House... *4.73*
Do. of Forecastle... *7.78*
Do. of excess of Hatchways... *22.32*
Do. above Crown of
Engine Room... *365.54*
Gross Tonnage... *34.27*
Less Crew Space... *22.32*
Less above Crown of
Engine Room... *308.95*
TONNAGE FOR FEES... *162.36*
Less Engine Room... *5.48*
Less Navigation Spaces... *156.88*

ONE OR TWO DECKED VESSEL.

CLASS *100 A 1 "will-deck"*

Half Breadth (moulded) *12.00*
Depth from upper part of Keel to top of Main Deck Bms.
(with the normal round up of beam) *12.75*
Girth of Half Midship Frame (as per Rule) *22.37*
1st Number *47.12*
Length on deck from after part of stem to fore part of
stern post *143.85*
2nd Number *6778.21*
Proportions—Breadths to Length *5.99*
Depths to Length—Main Deck to top of Keel... *11.28*

Built at *Aberdeen*
When built *1902* Launched *23.7.02*
By whom built *J. Guthrie Sons & Co.*
Owners *Alex Gray & Adam Maitland*
Managers *J. W. Henderson*
Residence *Aberdeen*
Port belonging to *Aberdeen*

Register Tonnage
as cut on Beam... *156.88*

Destined Voyage *Coasting* If Surveyed while Building, Afloat, or in Dry Dock *yes*

LENGTH on Deck as per Rule... *143* Feet. *10 1/4* Inches.
BREADTH—Moulded... *24* Feet. *0* Inches.
DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... *11* Feet. *7 1/2* Inches.
No. of Decks with Flat laid *one*
No. of Tiers of Beams *one*

Dimensions of Ship per Register, Length, *145.25* breadth, *24.3* depth, *11.35* Moulded Depth, *12* ft. *3* ins. Round of Beam, Actual *6* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule.	Inches per Rule.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule.	Inches per Rule.
FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships	3	3	6	3	3	KEEL, Bar or Side Plates depth and thickness	<i>7 1/2 x 1 1/4</i>	<i>7 x 1 1/2</i>	<i>bar.</i>		
Do. for $\frac{1}{2}$ at each end	3	3	5	3	3	STEM, moulding and thickness	<i>7 1/2 x 1 1/4</i>	<i>6 1/4 x 1 1/2</i>			
Do. in way of Double Bottoms at Solid Floors	3	3	6	3	3	STERN-POST for Rudder do. do.	<i>6 1/4 x 3</i>	<i>6 1/4 x 3</i>			
" " " " " " " "						for Propeller	<i>6 1/4 x 3</i>	<i>6 1/4 x 3</i>			
Spacing of Frames from centre to centre	<i>21</i>		<i>21</i>			MAIN PIECE of Rudder, diameter at head	<i>4 1/4</i>	<i>4 1/4</i>			
REVERSED FRAME, Angles	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	<i>2 1/2</i>	<i>5</i>	do. at heel	<i>2 1/4 x 2 1/2</i>	<i>2 1/4 x 2 1/2</i>			
DEEP FRAMING, depth of girder	<i>13 1/2</i>		<i>6</i>	<i>13 1/2</i>	<i>6</i>	RUDDER, how constructed <i>Forged Iron frame. 2-1/2 plates</i>					
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships			<i>7 x 8</i>		<i>7 x 8</i>	Can the Rudder be unshipped afloat? <i>yes</i>					
" in way of Engines and Boilers			<i>5</i>		<i>5</i>						
" thickness at the ends of vessel						KEELSONS AND STRINGERS.					
" depth at $\frac{1}{2}$ the half breadth, as per Rule						CENTRE LINE KEELSON, Vertical Plate above floors, (Through Plate, or Intercoastal Plate)	<i>11</i>	<i>9</i>	<i>11</i>	<i>9</i>	
" height extended at the Bilges						" Rider Plate	<i>6</i>	<i>12</i>	<i>6 1/2</i>	<i>9</i>	
FLOORS & BRACKETS, in <i>Gen Dble Bottoms</i>			<i>7</i>			" Bulb Plate to Intercoastal Keelson					
" state if flanged (top & bottom)	<i>no</i>					" Horizontal Plates on Floor	<i>3 1/2</i>	<i>3</i>	<i>6</i>	<i>3 1/2</i>	<i>3</i>
" Spacing	<i>21</i>					" Angles					
CENTRE GIRDER, in Double Bottom, depth and thickness	<i>28 1/2</i>	<i>7</i>		<i>7</i>		SIDE KEELSON, Angles					
" Angles, Top	<i>3 1/2</i>	<i>3</i>	<i>5</i>	<i>3 1/2</i>	<i>3</i>	" Bulb or Plate above floors for lng.	<i>5</i>	<i>no wash plate</i>	<i>5</i>	<i>no wash plate</i>	
" Bottom	<i>3 1/2</i>	<i>3</i>	<i>6</i>	<i>3 1/2</i>	<i>3</i>	" Intercoastal Plate for length	<i>Single</i>	<i>Double</i>			
" Attached to outside plating with Angle						BILGE KEELSON, Angles	<i>5</i>	<i>4</i>	<i>8</i>	<i>3 1/2</i>	<i>3</i>
SIDE GIRDERS, number on each side & thickness	<i>Two</i>	<i>6</i>	<i>Two</i>	<i>6</i>		" Bulb or Plate above floors for $\frac{3}{8}$ lng.	<i>6</i>	<i>7</i>	<i>6</i>	<i>6</i>	
" state if flanged (top & bottom)	<i>no</i>					" Intercoastal Plate for length					
" Angles	<i>3</i>	<i>2 1/2</i>	<i>6</i>	<i>3</i>	<i>2 1/2</i>	" Attached to outside plating with Angle	<i>Single</i>	<i>Double</i>			
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>level</i>	<i>6</i>		<i>6</i>		BILGE STRINGER Angles	<i>5</i>	<i>4</i>	<i>9</i>	<i>3 1/2</i>	<i>3</i>
" Angles to Outside Plating	<i>3</i>	<i>3</i>	<i>7</i>	<i>3</i>	<i>7</i>	" Bulb Plate for length	<i>in way of</i>	<i>R.Q.D.</i>			
" Floors						" Intercoastal Plate for length					
" Height of Floors at the Bilges						" Attached to outside plating with Angle	<i>Single</i>	<i>Double</i>			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>56</i>	<i>6</i>		<i>6</i>		SIDE STRINGER Angles	<i>5</i>	<i>4</i>	<i>9</i>	<i>3 1/2</i>	<i>3</i>
" thickness in Engine and Boiler space		<i>6</i>		<i>6</i>		" Bulb or Intercoastal Plate for lng.					
" Remainder in Holds						" Attached to outside plating with Angle					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>5</i>	<i>3</i>	<i>6</i>	<i>5</i>	<i>3</i>	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	<i>38</i>	<i>6</i>	<i>34</i>	<i>6</i>	
" Angles on Upper Edge						" Angle on ditto	<i>3 x 3</i>	<i>7</i>	<i>3 x 3</i>	<i>7</i>	
" Spacing	<i>21</i>		<i>21</i>			" Tie Plates fore & aft, outside Hatchways					
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Diagonal Tie Plates on Bms, No. of Pairs					
" Angles on Upper Edge						" Main Dk* Iron or Steel for <i>full</i> lng.					
" Spacing						" R.Q. Dk* Iron or Steel for <i>full</i> lng.					
BEAMS, Hold, Plate or Tee Bulb						" Wood Deck, Material & thickness					
" Angles on Upper Edge						Lower Deck Stringer Plate, breadth and thickness					
" Spacing						" Angles on ditto, No.					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						" Tie Plates, outside Hatchways					
" Angles on Upper Edge						" Deck* Material and thickness					
" Spacing						Hold Stringer Plate					
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	<i>4 1/2</i>	<i>3</i>	<i>6</i>	<i>4 1/2</i>	<i>3</i>	" Angles on ditto, No.					
" Angles on Upper Edge						Poop Deck Stringer Plate, breadth & thickness					
" Spacing	<i>42</i>		<i>42</i>			" Angle on ditto					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	" Tie Plates					
" Angles on Upper Edge						" Deck, Material and thickness					
" Spacing	<i>42</i>		<i>42</i>			Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	<i>20</i>	<i>6</i>	<i>20</i>	<i>6</i>	
PILLARS, In <i>twcen Decks</i> , Size and Spacing						" Angle on ditto	<i>3 x 3</i>	<i>6</i>	<i>2 1/2 x 2 1/2</i>	<i>7</i>	
" Hold	<i>2 1/2</i>	<i>42</i>	<i>2 1/2</i>	<i>42</i>		" Tie Plates	<i>6</i>	<i>5</i>	<i>6</i>	<i>5</i>	
" Quarter, <i>twcen Dks.</i>						" Deck, Material and thickness	<i>p.pine</i>	<i>3</i>	<i>p.pine</i>	<i>3</i>	
" in Hold						Forecastle Deck Stringer Plate, brdth & thcknss	<i>27</i>	<i>6</i>	<i>20</i>	<i>6</i>	
WEB FRAMES, In Fore Body, No. and Spacing	<i>Two</i>	<i>7 1/4</i>	<i>Two</i>	<i>7 1/4</i>		" Angle on ditto	<i>3 x 3</i>	<i>6</i>	<i>2 1/2 x 2 1/2</i>	<i>7</i>	
" Brdth. & Thickness	<i>14</i>	<i>6</i>	<i>14</i>	<i>6</i>		" Tie Plates	<i>6</i>	<i>5</i>	<i>6</i>	<i>5</i>	
" No. of Side Stringers	<i>One</i>	<i>14</i>	<i>One</i>	<i>14</i>		" Deck, Material and thickness	<i>p.pine</i>	<i>3</i>	<i>p.pine</i>	<i>3</i>	
WEB FRAMES, In E. & B. Space, No. & Spacing	<i>Two</i>	<i>10' 6"</i>	<i>Two</i>	<i>10' 6"</i>		Are the outside Plates doubled two spaces of Frames in length? <i>diamond shaped lines</i>					
" Brdth. & Thickness	<i>14</i>	<i>6</i>	<i>14</i>	<i>6</i>		Are the Sluice Valves and Watertight Doors in efficient working order? <i>none</i>					
WEB FRAMES, In After Body, No. and Spacing											
" Brdth. & Thickness											
" No. of Side Stringers											
" Size of Angles or Tee Bars to Web Frames	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	<i>2 1/2</i>	<i>2 1/2</i>						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness											

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE.					UPPER EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					RIVETS.				
Breadth.					Thickness.					Breadth.					Diam.				
Bull Bar					10					1					5				
Flat Plate Keel					10					1					5				
Garboard of A Strake					10					1					5				
B					10					1					5				
C					10					1					5				
D					10					1					5				
E					10					1					5				
F					10					1					5				
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M					10					1					5				
N					10					1					5				
O					10					1					5				
P					10					1					5				
Doubling of Flat Plate Keel					10					1					5				
Length and thickness of Sheerstrakes					10					1					5				
POOP SIDES					10					1					5				
RAISED QUARTER DECK SIDES					10					1					5				
BRIDGE SIDES					10					1					5				
FORECASTLE SIDES					10					1					5				
LENGTHS OF PLATING					10					1					5				
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.?										Main Stringer Plate									
S. Durham St. & Iron Works, Sunderland and Newcastle-on-Tyne										Butts, riveted for full length amidship									
Bolted on 4" x 6" x 1/2" plates										Straps, single, double or overlapped for full length amidship									
Bolted on 4" x 6" x 1/2" plates										Butts of Bilge & Side Stringers, riveted for full length amidship									
Bolted on 4" x 6" x 1/2" plates										Inner Bottom Plating, riveting of Edges									
Bolted on 4" x 6" x 1/2" plates										Centre Girder Butts, riveted									
Bolted on 4" x 6" x 1/2" plates										Frames, riveted through Plates with 1/2" in. Rivets, about 5" apart									
Bolted on 4" x 6" x 1/2" plates										Rivets, state whether of Iron or Steel									
FRAMES extend in one length from Keel to Main deck, R.Q.D. Bridge & Forecastle deck, state if ordinary or joggled										Reversed Frames on floors and frames extend from centre line to deck and side stringers alternately									
MASTS, SPARS, &c.										TONNAGE FOR TRAWLERS									
Lower Masts										U.D.K.									
Bowprit										ANCHORS.									
Topmasts, Yards and Remainder of Spars										Description of Anchor.									
Rigging, Material and Size, Shrouds										Makers.									
Sails, Main sail & Mizen sail										Where and when tested and Superintended.									
EQUIPMENT No. 7390 LETTER F										CHAIN CABLES.									
Number of Certificate.										HAWERS AND WARPS.									
24035										Number of Certificate.									
24036										Fathoms.									
24037										Size.									
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24263										Weight of Chain Cable.									
24264										Fathoms.									
24265										Size.									
24266										Test per Certificate.									
24267										Weight of Chain Cable.									
24268										Fathoms.									
24269										Size.									
24270										Test per Certificate.									
24271										Weight of Chain Cable.									
24272										Fathoms.									
24273										Size.									
24274										Test per Certificate.									
24275										Weight of Chain Cable.									
24276										Fathoms.									
24277										Size.									
24278										Test per Certificate.									
24279										Weight of Chain Cable.									
24280										Fathoms.									
24281										Size.									
24282										Test per Certificate.									
24283										Weight of Chain Cable.									
24284										Fathoms.									
24285										Size.									
24286										Test per Certificate.									
24287										Weight of Chain Cable.									
24288										Fathoms.									
24289										Size.									
24290										Test per Certificate.									
24291										Weight of Chain Cable.									
24292										Fathoms.									
24293										Size.									
24294										Test per Certificate.									
24295										Weight of Chain Cable.									
24296										Fathoms.									
24297										Size.									
24298										Test per Certificate.									
24299										Weight of Chain Cable.									
24300										Fathoms.									
24301										Size.									
24302										Test per Certificate.									
24303										Weight of Chain Cable.									
24304										Fathoms.									
24305										Size.									
24306										Test per Certificate.									
24307										Weight of Chain Cable.									
24308										Fathoms.									
24309										Size.									
24310										Test per Certificate.									
24311										Weight of Chain Cable.									
24312										Fathoms.									
24313										Size.									
24314										Test per Certificate.									
24315										Weight of Chain Cable.									
24316										Fathoms.									
24317										Size.									
24318										Test per Certificate.									
24319										Weight of Chain Cable.									
24320										Fathoms.									
24321										Size.									
24322										Test per Certificate.									
24323										Weight of Chain Cable.									
24324										Fathoms.									