

IRON SHIPS.

No. 3234 Survey held at Wingham & Leith Date 30th June 1865
 on the Steam Vessel Wingham (no tonnage) Master John Wilson
 Tonnage under tonnage deck 593.83 Built at Wingham When built 1865 Launched 12th April 1865
 Height of poop 82.5 Houses on deck 44.83 By whom built Wingham Navy Owners For Sale
 Height of engine room 200.39 Register tonnage 520.74 Port belongs to Wingham Destined Voyage Wingham
 Gross tonnage 721.10 Surveyed while Building, Afloat, or in Dry Dock While Building

Length aloft 220 0 Extreme Breadth 24 0 Depth from top of Upper Deck Beam to top of Floor 16 0 Power of Engines 140 No. of Decks Two

Dimensions of Ship per Register, length 223 4 breadth 26 6 5 depth 16 1 5

	Inches in Ship.		Inches required per Rule.		16ths required per Rule.		16ths required per Rule.	
	Inches.	Inches.	Inches.	Inches.	per Rule.	per Rule.	per Rule.	per Rule.
Keel, if bar iron, depth and thickness	8	2 1/4	4	2 1/2			33	10
„ if plate iron, breadth and thickness	8	2 1/4	4	2 1/2				
Stem, if bar iron, moulding and thickness	8	2 1/4	4	2 1/2			9	9
„ if plate iron, breadth and thickness	8	2 1/4	4	2 1/2			8	8
Stern-post, if bar iron, moulding and thickness	8	4	4	5				
„ if plate iron, breadth and thickness	9	4 1/2	4	5				
Distance of Frames from moulding edge to moulding edge, all fore and aft	21		21				36	30
Frames, Size of Angle Iron, single or double	3	3	4	4	4	4	42	30
„ Reversed Iron, if to every frame or every other frame	3	2 1/2	6	3	2 1/2	6		
Floors, depth and thickness of Floor Plate at mid line	19	8	14	8			32	10
„ Ditto ditto at Bilge Keelson	8	8	3 1/4	8			42	32
„ Size of Reversed Angle Iron, and No. one at top of Floor Plate	3	2 1/2	6	3	2 1/2	6	102	9 1/2
Beams, Deck (No. 55) double Angle Iron, Plate, Tee, or Bulb Iron	6	4	6	6			102	9 1/2
„ „ double or single Angle Iron, on upper edge	3 1/4	3 1/4	6	3 1/4	5			
„ „ average space between	42	ins	42	ins				
„ Hold, or Lower Deck (No. 28) double Angle, Tee, Plate, or Bulb Iron	6	4	6	6				
„ „ double or single Angle Iron, on upper edge	3 1/4	3 1/4	6	3 1/4	5			
„ „ average space between	42	8 1/4	ins	42	8 1/4	ins		
„ Paddle, sided and moulded, thickness of Plate size of Angle Iron								
„ Engine								
Keelson, single or double plate, box, or intercostal	See Section							
„ Size of Plates	18	4	4	3 1/4	4			
„ Size of Angle Irons	4	4	4	3 1/4	4			
„ Side, single or double, plate, box, or intercostal								
„ Bilge (No. one at each Bilge, single for double, plate, or box with Bulb Iron between)	4 1/2	3	4	4 1/4	3 1/4	4		
Transoms, material Iron or, if none, in what manner compensated for.								
Knight-heads, and Hawse Timbers	Iron							
The Frames extend in one length from Keel to Gunwale rivetted through plates with (3/4 in.) rivets, about (3 ins) apart.								
The reverse angle irons on the floors extend in one length across the middle line from top of Spicketing plate on one side to the same height on the other alternately with those on the frames from Gunwale to Gunwale								
Keelson, how are the various lengths of plates or angle irons connected? Butt straps double rivetted								
Plates, Garboard, double rivetted to keel, double at upper edge, with rivets (1 1/2 ins.) diameter, averaging (10 1/2 ins.) apart.								
„ Edges from Garboards to upper part of bilge, worked clencher, double or single rivetted; with rivets (3/4 in.) diameter, averaging (3 ins.) apart.								
„ Butts from Keel to turn of bilge, worked carvel with butt straps (9/16) thick, double or single rivetted; with rivets (3/4 in.) diameter, averaging (3 ins.) apart.								
„ Edges from bilge to sheerstrake, worked carvel with a lining piece () thick, or clencher, double or single rivetted; with rivets (3/4 in.) diameter, averaging (3 ins.) apart.								
„ Edges of Sheerstrake, double or single rivetted? At upper edge 3/4 rivets 3 ins apart At lower edge 3/4 rivets - 3 ins apart								
„ Butts from bilge to planksheers, worked carvel with butt straps (3/16) thick, double or single rivetted; with rivets (3/4 in.) diameter, averaging (3 ins.) apart. Breadth of laps in double rivetting (4 1/4) Breadth of laps in single rivetting (2 1/4)								
Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? 3/4 rivets								
Planksheer, how secured to the plating of the sides Explain by sketch See Section								
Waterway „ „ planksheer and to the Beams if necessary. See Section								
Deck Beams, how secured to the side? Welded knee plates rivetted to frames								
Hold or Lower Deck ditto Ditto								
Paddle „ „ No. of breasthooks 4 crutches 5								
What description of Iron is used for the Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c. See Section								
Manufacturer's name or trade mark L.M.P. Walker Brown plates Shalby								

We certify that the above is a correct description of the several particulars therein given.

Builder's Signature John Wilson Surveyor's Signature E. M. R. ...

Workmanship. Are the laps of the clewwork in all cases in breadth at least five and a half times the diameter of the rivets in double rivetted edges and butts, and at least three and a quarter times the diameter of the rivets where single rivetting is admitted? Yes
 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
 Do the fillings between the ribs and plates fill in solid with single pieces? or are they in short lengths of various thicknesses? Yes
 Do the holes for rivetting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Yes and are the rivet holes well and sufficiently countersunk in the outer plate? Yes
 Are there any rivets which either break into or have been put through the seams or butts of the plating? The upper & lower edge holes only.

Her Masts, Bowsprit, Yards, &c., are in good condition, and sufficient in size and length. Wood. (If they are of Iron or Steel give the scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of rivetting, quality of Materials, and if stamped with Maker's name.)

4184 Lm

She has SAILS.		CABLES, &c.			ANCHORS, and their weights.			
No.		Machine	Fathoms.	Inches.	Tons.	No.	Weight of Stock	Tons.
/	Fore Sails,	<u>Siplest</u>	<u>240</u>	<u>1 3/4</u>	<u>34</u>	<u>Siplest</u>	<u>17.0.0</u>	<u>18 1/2</u>
/	Fore Top Sails,	<u>Hempen</u>	<u>90</u>	<u>1 1/4</u>		<u>Rodgers Patent</u>	<u>16.3.0</u>	<u>18 3/4</u>
/	Fore Topmast Stay Sails,	<u>Hawser</u>	<u>80</u>	<u>1 1/8</u>		<u>Stream,</u>	<u>14.0.0</u>	<u>16</u>
/	Main Sails,	<u>Towlines</u>	<u>90</u>	<u>9</u>		<u>Kedges,</u>	<u>3.1.0</u>	
/	Main Top Sails,	<u>Warp</u>	<u>90</u>	<u>5 1/2</u>			<u>1.3.0</u>	
and	<u>others as usual</u>	<u>All of good quality.</u>	<u>90</u>	<u>3 3/4</u>				

Her Standing and Running Rigging Wire & Hempen sufficient in size and good in quality.
 She has One Long Boat and four others
 The present state of the Windlass is efficient Capstan D. W. and Rudder and Pumps efficient

Order for Special Survey No. 118 DATES of Surveys held while building as per Section 18.
 Date 14 January 1864
 Order for Ordinary Survey No. ✓ as per Section 18.
 Date ✓
 1st. On the several parts of the frame, when in place, and before the plating was wrought Specially
 2nd. On the plating during the progress of rivetting Surveyed while building
 3rd. When the beams were in and fastened, and before the decks were laid from 2nd July 1864
 4th. When the ship was complete, and before the plating was finally coated to 30th June 1865
 5th. After the ship was launched

State if she has a Span Deck Full Poop 65ft 6ins and Forecastle 38ft 6ins.

General Remarks,

The accompanying letter is in accordance with the Builders request attached to the Report, the extra longitudinal strength referred to therein is the Main Keelson and the Spirketting plate on the Hold Beams, the work generally is well performed and the improvements recommended in conjunction with Mr. Martin on his visit to this district in 1864 have been carefully and satisfactorily attended to.

In what manner are the surfaces preserved from oxidation? Inside Painted to turn off filges and painted above.
 Ditto ditto Outside Painted with five coats of paint

I am of opinion this Vessel should be Classed B. 1.
 The amount of the Fee£ 5:0:0 is received by me,
Wm Wm Special£ 36:1:0
 Certificate (if required)£ 41:1:0

Committee's Minute 4th July 18 65

Character assigned B. 1.

Edwin Coucheman

This Report is Received by the Registrar of the Lloyd's Register Foundation
3rd July 1865

Lloyd's Register Foundation