

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

# IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel *Yes* Rpt. No. *19013*  
Date of completion of Report *30th May 1907.*

No. *19013*  
TUES. 25 JUN 1907

Port of *Hull*  
Last Survey *May 22nd 1907.*

Survey held at *Selly*  
On the *Steam Trawling Vessel "VINE."*

ONE OR TWO DECKED VESSEL.

CLASS *100A1* For fishing purposes.

Master *James Nicol*  
Year of appointment *1907*

TONNAGE under Tonnage Deck *99.51*  
Do. of Poop  
Do. of Raised *Er.*  
Dk. or Break *..*  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Deck  
Do. of excess of Hatchways  
Do. above Crown of  
Engine Room *..*  
Gross Tonnage *95.38*  
Less Crew Space *13.93*  
Less above Crown of  
Engine Room *..*  
TONNAGE FOR FEES *94.89*  
Less Engine Room *58.03*  
Less Navigation Spaces *1.99*  
Above Crown of Engine Room *6.56*  
Register Tonnage *21.44*  
as cut on Beam *..*

Half Breadth (moulded) *9.23*  
Depth from upper part of Keel to top of Main Deck Bms. *9.87*  
Girth of Half Midship Frame (as per Rule) *15.45*  
1st Number *34.55*  
Length on deck from after part of stem to fore part of stern post *85.06*  
2nd Number *2938*  
Proportions—Breadths to Length *4.55*  
Depths to Length—Main Deck to top of Keel *8.6*

Built at *Selly.*  
When built *1907* Launched *15th March.*  
By whom built *Cochrane & Sons.*  
Owners *Thomson Murray & Co.*  
Managers *(Where necessary to be entered in Reg. Book.)*  
Residence *Buckie*  
Port belonging to *Gardenstown.*

Destined Voyage *Fishing* If Surveyed while Building, Afloat, or in Dry Dock *Yes.*

LENGTH on Deck as per Rule *85* Feet. *02 1/2* Inches. BREADTH—Moulded *19* Feet. *5 1/2* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *8* Feet. *9 1/2* Inches. No. of Decks with Flat laid *One* No. of Tiers of Beams *One*  
Dimensions of Ship per Register, Length, *86-0* breadth, *19.55* depth, *8.87*. Moulded Depth, *9* ft. *6* ins. Round of Beam, Actual *5 1/2* ins.

FRAMING.							FORGINGS AND CASTINGS.						
	Inches in Ship.	Inches in Ship.	1/20ths in Ship.	Inches per Rule Or as	Inches per Rule Approved.	1/20ths per Rule.		Inches in Ship.	Inches per Rule.	Inches in Ship.	Inches per Rule.	1/20ths per Rule.	1/20ths per Rule.
FRAME, Angles, <i>7</i> , <i>E</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships	<i>3 1/2</i>	<i>3</i>	<i>7</i>	<i>3 1/2</i>	<i>3</i>	<i>7</i>	KEEL, Bar or Side Plates depth and thickness	<i>6 x 1 1/8</i>	<i>6 x 1 1/8</i>				
Do. for $\frac{1}{2}$ at each end							STEM, moulding and thickness	<i>6 x 1 1/8</i>	<i>6 x 1 1/8</i>				
Do. in way of Double Bottoms at Solid Floors.							STEERN-POST for Rudder do. do.	<i>5 1/2 x 2 1/4</i>	<i>5 1/2 x 2 1/4</i>				
Spacing " Frames from centre to centre		<i>20</i>			<i>20</i>		" for Propeller	<i>4</i>	<i>4</i>				
REVERSED FRAME, Angles	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	MAIN PIECE of Rudder, diameter at head	<i>3</i>	<i>3</i>				
DEEP FRAMING, depth of girder		<i>3 1/2</i>			<i>3 1/2</i>		do. at heel						
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>14</i>	<i>5</i>	<i>14</i>		<i>5</i>		RUDDER, how constructed <i>Forged iron frame. Single plate</i>						
" in way of Engines and Boilers	<i>E.L.B.</i>	<i>7</i>			<i>6.7</i>		Can the Rudder be unshipped afloat? <i>Yes</i>						
" thickness at the ends of vessel		<i>5</i>			<i>5</i>		KEELSONS AND STRINGERS.						
" depth at $\frac{1}{2}$ the half breadth, as per Rule	<i>straight</i>		<i>across</i>		<i>plan.</i>		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" height extended at the Bilges	<i>straight</i>		<i>across</i>		<i>plan.</i>		" Rider Plate						
FLOORS & BRACKETS, in Cell Dble Bottoms							" Bulb Plate to Intercoastal Keelson						
" state if flanged (top & bottom)							" Horizontal Plates on Floors	<i>5</i>	<i>3</i>	<i>8</i>	<i>5</i>	<i>3</i>	<i>8</i>
CENTRE GIRDER, in Double Bottom, depth and thickness							" Angles						
" Angles, Top							SIDE KEELSON, Angles						
" Bottom							" Bulb or Plate above floors for lng.						
SIDE GIRDERS, number on each side & thickness							" Intercoastal Plate for length						
" state if flanged (top & bottom)							" Attached to outside plating with Angle						
MARGIN PLATE, depth (exclusive of flange) and thickness							BILGE KEELSON, Angles <i>(Om.)</i>	<i>5</i>	<i>3</i>	<i>9</i>	<i>5</i>	<i>3</i>	<i>9</i>
" Angles to Outside Plating							" Bulb or Plate above floors for lng.						
" Floors							" Intercoastal Plate for length						
" Height of Floors at the Bilges							" Attached to outside plating with Angle						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake							BILGE STRINGER Angles						
" thickness in Engine and Boiler space							" Bulb Plate for length						
" Remainder in Holds							" Intercoastal Plate for length						
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>5</i>	<i>3</i>	<i>7</i>	<i>5</i>	<i>3</i>	<i>7</i>	" Attached to outside plating with Angle	<i>5</i>	<i>3</i>	<i>9</i>	<i>5</i>	<i>3</i>	<i>9</i>
" Angles on Upper Edge							" Bulb or Intercoastal Plate for lng.						
" Spacing		<i>40</i>			<i>40</i>		" Attached to outside plating with Angle						
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							Main and Raised Quarter Deck Stringer Plate, breadth and thickness	<i>20</i>	<i>5</i>	<i>20</i>	<i>5</i>		
" Angles on Upper Edge							" Angle on ditto	<i>3 x 3</i>	<i>6</i>	<i>3 x 3</i>	<i>6</i>		
" Spacing							" Tie Plates, outside Hatchways	<i>9</i>	<i>5</i>	<i>6</i>	<i>5</i>		
BEAMS, Hold, Plate or Tee Bulb							" Diagonal Tie Plates on Bms. No. of Pairs						
" Angles on Upper Edge							" Main Dk* Iron or Steel for <i>space</i> lng.			<i>6</i>		<i>6</i>	
" Spacing							" R. Q. Dk* Iron or Steel for <i>space</i> lng.						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							" Wood Deck, Material & thickness <i>P.Pin</i>	<i>3</i>		<i>3</i>			
" Angles on Upper Edge							Lower Deck Stringer Plate, breadth and thickness						
" Spacing							" Angles on ditto, No.						
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							" Tie Plates, outside Hatchways						
" Angles on Upper Edge							" Deck* Material and thickness						
" Spacing							Hold Stringer Plate						
PILLARS, In 'tween Decks, Size and Spacing							" Angles on ditto, No.						
" Hold							Poop Deck Stringer Plate, breadth & thickness						
" Quarter, 'tween Dks.,	<i>2 1/2</i>	<i>As arranged</i>					" Angle on ditto						
" in Hold							" Tie Plates						
WEB FRAMES, In Fore Body, No. and Spacing							" Deck, Material and thickness						
" No. of Side Stringers							Forecastle Deck Stringer Plate, brdth & thcknss						
WEB FRAMES, In E. & B. Space, No. & Spacing							" Angle on ditto						
" No. of Side Stringers							" Tie Plates						
WEB FRAMES, In After Body, No. and Spacing							" Deck, Material and thickness						
" No. of Side Stringers							Are the outside Plates doubled two spaces of Frames in length? <i>Diamond Plate</i>						
" Size of Angles or Tee Bars to Web Frames							Are the Sluice Valves and Watertight Doors in efficient working order? <i>None</i>						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness													



**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		LOWER EDGES.		RIVETING.		BUTTS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.
FLAT PLATE KEEL (If Bar Keel, state Riveting)	32	6	6	6	32	6	Double	32	5	2 1/2	5 1/2	2 1/2	8	7
GARBOARD OR A STRAKE														
B "		6	5	5		6								4 1/2
C "		6	5	5		6								
D "		6	5	5		6								
E "	42	7	6	6	42	7							8	8
F "														
G "														
H "														
J "														
K "														
L "														
M "														
N "														
O "														
P "														
DOUBLING OF Flat Plate Keel														
Length of Bilges														
Length of Sheerstrakes														
Length of Strake below														
POOP SIDES														
RAISED QUARTER DECK SIDES														
BRIDGE SIDES														
FORECASTLE SIDES														
LENGTHS OF PLATING	Run from spaces.													

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. ? *Mild steel.*  
*South Durham, Jarrow, Consett.*

Has the Steel been tested as required by the Rules *Yes.*

**FRAMES** extend in one length from *Keel* to *gunwale* state if ordinary or joggled *Ordinary*  
**REVERSED FRAMES** on floors and frames extend *from across top of floors.* (Single angle frame.) state if ordinary or joggled *Ordinary*

**MASTS, SPARS, &c.**

LOWER MASTS...	Fore	Main	Mizen	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.
						At Partners.	Heel.	Hounds.		Head.	Number.	
				P.Pine	29-0	10						
				P.Pine	30-0	8						

Bowsprit *✓*  
 Topmasts, Yards and Remainder of Spars *Pitch pine.*  
 Rigging, Material and Size, Shrouds *Salad wire, 2 1/4 - 1 1/2*  
 Sails. *On* Suit of Sails and the following spare sails *✓*

**ANCHORS.** Tonnage U.D.K. or Plating No. for Trawlers *2938.*

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.				lbs.		
55903	1st Bower	3	2	17	0	3	15	6	3	0	14	3	2	0	Rodgers	J.P. Jones & Co. L.P.H.-N. 5.3.07. H. L. L.
55899	2nd "	3	2	6	0	3	15	6	0	3	21	3	2	0	"	" " " " " 4.14.3.07 "
55896	3rd "	2	0	12	0	2	9	4	12	2	0	2	0	0	"	" " " " " 5.3.07 "
	Collective weight															
	Stream															
	Kedge															

**CHAIN CABLES.**

Number of Certificate.	Length and size supplied.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.
			Supplied.	Per Table 22.				
41445	60 1 1/2 11 1/2	17 1/2	21-2-7	20-1-11	60 1 1/2	Alid Sink	J.P. Jones & Co.	L.P.H.-N. 12-3-07. H. L. L.
Iron Stream Chain	60 3 1/2 11 1/2	16-2-5				Short Sink	"	L.P.H.-N. 9-3-07. H. L. L.

**HAWSERS AND WARPS.**

Number of Certificate.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.
	60 5 1/2	✓	60 5 1/2	TOWLINE	J.P. Jones & Co.	L.P.H.-N. 12-3-07. H. L. L.
	60 3	✓	60 3	HAWSERS & WARPS	Manilla	"

**Boats** *On.*  
**Pumps**, Number *Three.* Diameter of Barrel *4" - 3"* State whether they are in efficient working order *Yes.*  
**Windlass** is *None.* Capstan by *Elliot & Leamond, Ltd.*  
**Engine Room Skylights**.—How constructed? *Plates and angles.*  
 What arrangements for deadlights in bad weather? *Steel flaps and bullseyes.*  
**Coal Bunker Openings**.—How constructed? *Cast iron rings.* How are lids secured? *Secured* Height above deck? *7 ft.*  
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side. 5 Scuppers, 2 Freeing Port 15" x 9"*  
**Ceiling in Holds**, thickness and material *1 1/2" pine.* Cargo Battens, thickness and material *✓*  
**Cargo Hatchways**.—How formed? *Oak coaming.* Hatches. — If strong and efficient? *Yes.*  
 State size No. 1 Hatch (Forward) *13-4 x 8-0* No. 2 Hatch *✓* No. 3 Hatch *✓* No. 4 Hatch *✓*  
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *One shifting beam, and one fore and aft.*  
 No. of Breasthooks *Three* No. of Crutches *Over deck floor.*  
 Bulwarks, height above deck and description *1-10 x 7-6* Main Rail and Stays, material and size *5 x 2 1/2" 20 Steel B.A.*  
 The above is a correct description. *Bochmann & Sons* Surveyor's Signature *Allison B. Wilson.*  
 Builder's Signature (here only). *Bochmann & Sons* Surveyor to Lloyd's Register of British and Foreign Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case).  
 (M) 29-11-06 (L) 15-2-07

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Planed.*  
 Is the riveted work properly closed? *Yes*  
 Are the liners between the frames 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? *A few.*  
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*  
 Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *Fishing Vessel* State results of tests *✓*  
 Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *✓* State results of tests *✓*

**General Remarks** (State quality of workmanship, &c.) *Workmanship good.*  
*This vessel has been built in accordance with the approved plans. The Secretary letters of the above date, and in general conformity to the Rules for the class contemplated.*

*Accompanying this Report, — Plans of Midship Section, Profile and Deck plan. Pumping Arrangements, and Report on Ship's Gearing.*

The Surveyor should state the Number of Report and Name of any Sister Vessel.

**PARTICULARS FOR RECORD** in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *✓* ft., Bridge Dk. *✓* ft., F'castle *✓* ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated *✓*

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *1 Dk.* State if Machinery is fitted aft *Yes.*  
 Official No. *✓*; Signal Letters *✓*  
 How are the surfaces preserved from oxidation? Inside *Portland Cement and Paint* Outside *Paint.*

**PARTICULARS OF WATER BALLAST.**—State whether the Double bottom is constructed on the cellular system or with girders on floors *✓*

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft,	✓		Fore peak tank,	✓	
Double bottom, under Engines and Boilers,	✓		After peak tank,	✓	
Double bottom, if under Engines only,	✓		Deep tank, aft	✓	
Double bottom, if under Boilers only,	✓		Deep tank, forward	✓	
Double bottom, forward,	✓		Other tanks, if fitted,	✓	

Total capacity *✓* (If necessary, furnish further information by sketch.)  
 \* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules *✓*

Order for Special Survey No. *1476*  
 Date *12/3/06*  
 No. *398* in builder's yard.  
 Dates of Surveys held while building *1907: Jan. 28, Feb. 4, 8, 12, 22, 26, Mar. 7, 14, 22, 27, Apr. 9, 12, 16, 19, 23, 25, 30, May 2, 7, 13, 17, May 22, at Gundry June 4-6-12.*  
 Total No. of Visits *25.*

The amount of Entry Fee *£ 1 : - : -* Fees applied for, *37/5 1907*  
 Special *£ 7 : - : -* Received by me, *13.7.07*  
 Travelling Expenses, if any *£ - : 8 : 10*  
 State whether the Vessel has been built under Special Survey *Yes.*  
 I am of opinion this Vessel should be Classed *100A1* for fishing purposes.  
 With, or without Freeboard, as condition of Class *Without.*

**Committee's Minute** *FRI, 28 JUN 1907*  
 Character assigned *100A1 for fishing purposes.*  
*Lloyds Arb. P. + L.M.B. 6.07*

*Bochmann & Sons* Surveyor to Lloyd's Register of British and Foreign Shipping.