

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

IRON OR STEEL STEAMER.

No. 16783

State if Report is also sent on the Machinery of the Vessel. *yes*
Date of completion of Report *8th May 1905*
Date, First Survey *Jan 9th*

Received at London Office. *WED. 10 MAY 1905*
Port of Hull
Last Survey *May 3rd 1905*
Rig *Ketch*

Survey held at *Seely*
On the *Steel Screw Steamer "VESTA."*
TONNAGE under Tonnage Deck... *221.51*
Do. of Poop
Do. of Raised Or. } *13.61*
Dk. or Break... }
Do. of Bridge House...
Do. of Forecastle Bulk head *2.15*
Do. of Houses on Deck *2.88*
Do. of excess of Hatchways
Do. above Crown of }
Engine Room... }
Gross Tonnage *240.45*
Less Crew Space *23.78*
above Crown of }
Engine Room... }
NAGE FOR FEES... *216.67*
Engine Room *111.46*
Navigation Spaces *5.45*
Master Tonnage *99.76*
cut on Beam...

ONE ~~OR TWO~~ DECKED VESSEL.
CLASS *100A1* "Steam Sailer."
Half Breadth (moulded) *10.95*
Depth from upper part of Keel to top of Main Deck Bms. *12.80*
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) *19.62*
1st Number *43.37*
Length on deck from after part of stem to fore part of stern post *122.37*
2nd Number *53.04*
Proportions—Breadths to Length *5.5*
Depths to Length—Main Deck to top of Keel... *9.5*
Destined Voyage *Fishing*

Master *✓*
Year of appointment *(1) As master in service of owner of present vessel:—19*
(2) As master of this vessel:—19
Built at *Seely.*
When built *1905* Launched *9th March*
By whom built *Cochran & Sons.*
Owners *Grimsby Atlas Steam Fishing Co. Ltd.*
Managers
(Where necessary to be entered in Reg. Book.)
Residence *Grimsby.*
Port belonging to *Grimsby.*

Length on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet.	Inches.	No. of Decks with Flat laid	No. of Tiers of Beams
	122	4 1/2		21	11		11	6	One	One

Dimensions of Ship per Register, Length, *123.6* breadth, *22.0* depth, *11.5* Moulded Depth, *12* ft. *4* ins. Round of Beam, Actual *6* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or a	16ths per Rule Approved.		Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or a	16ths per Rule Approved.
NAME, Angles, <i>7</i> E or Bar , for $\frac{1}{2}$ length amidships	3	2 1/2	5	3	2 1/2	5	KEEL, Bar or Side Plates depth and thickness	<i>7 1/2 x 1 1/8</i>	<i>7 1/2 x 1 1/8</i>	<i>7 1/2 x 1 1/8</i>	<i>7 1/2 x 1 1/8</i>
Do. for $\frac{1}{2}$ at each end	3	2 1/2	5	3	2 1/2	5	STEM, moulding and thickness	<i>7 1/2 x 1 1/8</i>	<i>7 1/2 x 1 1/8</i>	<i>7 1/2 x 1 1/8</i>	<i>7 1/2 x 1 1/8</i>
Do. in way of Double Bottoms at Solid Floors							STERN-POST for Rudder do. do.	<i>6 x 3</i>	<i>6 x 3</i>	<i>6 x 3</i>	<i>6 x 3</i>
" " at intermdt. Bkts.							" " for Propeller	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
acing of Frames from centre to centre		20			20		MAIN PIECE of Rudder, diameter at head...	<i>3 1/2 x 3</i>	<i>3 1/2 x 3</i>	<i>3 1/2 x 3</i>	<i>3 1/2 x 3</i>
EVERSED FRAME, Angles	2 1/2	2 1/2	4	2 1/2	2 1/2	4	RUDDER, how constructed <i>Forged iron frame, plated.</i>				
EEP FRAMING, depth of girder							Can the Rudder be unshipped afloat? <i>Yes</i>				
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	16		6	16	6		KEELSONS AND STRINGERS.				
" " in way of Engines and Boilers			7		7		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>4 1/2</i>		<i>7 1/2</i>	<i>7</i>
" " thickness at the ends of vessel			5		5		" " Rider Plate				
" " depth at $\frac{1}{2}$ the half breadth, as per Rule							" " Bulb Plate to Intercoastal Keelson				
" " height extended at the Bilges							" " Horizontal Plates on Floors				
FLOORS & BRACKETS, in Cell Dble Bottoms							" " Angles	4	3	7	4
" " state if flanged (top & bottom)							SIDE KEELSON, Angles				
" " Spacing							" " Bulb or Plate above floors for				
CENTRE GIRDER, in Double Bottom, depth and thickness							" " Intercoastal Plate for				
" " Angles, Top							" " Attached to outside plating with Angle				
" " Bottom							BILGE KEELSON, Angles	5	4	8	5
DE GIRDERS, number on each side & thickness state if flanged (top & bottom)							" " Bulb or Plate above floors for				
" " Angles							" " Intercoastal Plate for				
MARGIN PLATE, depth (exclusive of flange) and thickness							" " Attached to outside plating with Angle				
" " Angles to Outside Plating							BILGE STRINGER Angles	5	4	8	5
" " Floors							" " Bulb Plate for				
" " Height of Floors at the Bilges							" " Intercoastal Plate for				
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake							" " Attached to outside plating with Angle				
" " thickness in Engine and Boiler space							SIDE STRINGER Angles				
" " Remainder in Holds							" " Bulb or Intercoastal Plate for				
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	8	" " Attached to outside plating with Angle				
" " Angles on Upper Edge							Main and Raised Quarter Deck Stringer Plate, breadth and thickness	50	5	50	5
" " Spacing		40			40		" " Angle on ditto	<i>3 x 3</i>	<i>6</i>	<i>3 x 3</i>	<i>6</i>
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							" " Tie Plates fore & aft, outside Hatchways	<i>8</i>	<i>6</i>	<i>8</i>	<i>6</i>
" " Angles on Upper Edge							" " Diagonal Tie Plates on Bms., No. of Pairs				
" " Spacing							" " Main Dk* Iron or Steel for				
BEAMS, Hold, Plate or Tee Bulb							" " R. Q. Dk* Iron or Steel for				
" " Angles on Upper Edge							" " Wood Deck, Material & thickness <i>P. Pine</i>	3		3	
" " Spacing							Lower Deck Stringer Plate, breadth and thickness				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							" " Angles on ditto, No.				
" " Angles on Upper Edge							" " Tie Plates, outside Hatchways				
" " Spacing							" " Deck* Material and thickness				
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb							Hold Stringer Plate				
" " Angles on Upper Edge							" " Angles on ditto, No.				
" " Spacing							Poop Deck Stringer Plate, breadth & thickness				
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	5	3	8	5	3	8	" " Angle on ditto				
" " Angles on Upper Edge							" " Tie Plates				
" " Spacing		40			40		" " Deck, Material and thickness				
CLARS, In 'tween Decks, Size and Spacing							Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness				
" " Hold	2 1/2		2 1/2				" " Angle on ditto				
" " Quarter, 'tween Dks.,							" " Tie Plates				
" " in Hold							" " Deck, Material and thickness				
WEB FRAMES, In Fore Body, No. and Spacing							Forecastle Deck Stringer Plate, brdth & thcknss				
" " No. of Side Stringers							" " Angle on ditto	<i>3 x 3</i>	<i>5</i>	<i>3 x 3</i>	<i>5</i>
WEB FRAMES, In E. & B. Space, No. & Spacing							" " Tie Plates <i>Deck plated over</i>		<i>5</i>		<i>5</i>
" " Brdth. & Thickness							" " Deck, Material and thickness <i>P. Pine</i>	3		3	
WEB FRAMES, In After Body, No. and Spacing							* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.				
" " Brdth. & Thickness							BULKHEADS.	Number.	Thickness.	Horizontal.	Vertical.
" " No. of Side Stringers							In Vessel.	Per Rule.	Size.	Spacing.	Size.
" " Size of Angles or Tee Bars to Web Frames							16ths	16ths	Inches.	Inches.	Inches.
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness							W.T. BULKHEADS	4	4	3 x 2 1/2	5 1/2
							PARTITION				
							LONGITUDINAL				

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					EDGES.					BUTTS.				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.		RIVETS.		STRAPS.		IF LAPPED.			
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Diam.	Spacing.	Diam.	Spacing.	Breadth.	Thickness.		
FLAT PLATE KEEL	31	7	6	6	31	7				Double	4 1/2	3 1/2	3/4	2 1/4	9 1/2	8	5		
GARBOARD OF A Strake																			
B																			
C																			
D																			
E																			
F	30	8	7	7	30	8													
G																			
H																			
J																			
K																			
L																			
M																			
N																			
O																			
P																			
DOUBLING OF Flat Plate Keel																			
Length and thickness of Bilges																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING																			

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 S.S.C. & Co. Ltd. Sunderland.*

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

FRAMES extend in one length from *Keel* to *gunwale*

REVERSED FRAMES on floors and frames extend from *center to bilge stringer and deck alternately* state if ordinary or joggled *Ordinary*

in way of hold.

MASTS, SPARS, &c.									
		Material.		Total length.		At Partners.		DIAMETER AND THICKNESS.	
LOWER MASTS	Fore	P. Pine	33.0	13					
	Main								
	Mizen	Steel	26.0	12					

Bowsprit *Yes*

Topmasts, Yards and Remainder of Spars *Pitch pine*

Rigging, Material and Size, Shrouds *Steel wire 3/4, 2 1/2*

Sails, *One* Suit of Sails and the following spare sails *Yes*

EQUIPMENT No. *5307* LETTER *Trawler* TONNAGE FOR TRAWLERS *U.D.K.*

ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQUIRED BY TABLE 22.	
27521	1st Bower	+	5	1	16	1	12	7	14
27522	2nd "	+	4	3	12	1	10	5	10
27523	3rd "	+	2	2	12	1	17	5	10

Stream *Yes*

Kedge *Yes*

CHAIN CABLES.									
Number of Certificate.		Fathoms.		Size.		Test per Certificate.		WEIGHT OF CHAIN CABLE.	
25425	90 1/2	1	7 1/2	46	1	45	17	105	17

HAWSERS AND WARPS.

Number of Certificate.		Fathoms.		Size.		Test per Certificate.		WEIGHT OF CHAIN CABLE.	
25425	90 1/2	1	7 1/2	46	1	45	17	105	17

Boats *One*

Pumps, Number *Four*

Windlass is by *Cochran & Sons*

Engine Room Skylights. How constructed? *Teak plating and bulwarks*

What arrangements for deadlights in bad weather? *Teak plating and bulwarks*

Coal Bunker Openings. How constructed? *Cast iron rings*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 4 Scuppers, 3 Freeing Ports 18 x 9*

Ceiling in Holds, thickness and material *2" pine*

Ceiling 'tween Decks, thickness and material *Yes*

Cargo Hatchways. How formed? *Plating and angles*

Hatches. If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *4-9 x 3-0* No. 2 Hatch *3-0 x 3-0* No. 3 Hatch *3-0 x 3-0* No. 4 Hatch *3-0 x 3-0*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *Yes*

No. of Breasthooks *Four* No. of Crutches *12 dup. floors*

Bulwarks, height above deck and description *2.6, 5/16" Steel*

Main Rail and Stays, material and size *6 1/2 x 3 x 3/16" Steel B.A.*

The above is a correct description. *Bochman & Sons*

Builder's Signature (here only) *Bochman & Sons*

Surveyor's Signature *Allison B. Wilson*

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 19.12.04, 10.3.05 E 23.1.05, 2.2.05.

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 facing 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)? *Trawler* State results of tests *✓*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Trawler* 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's letters of the above dates, and in general conformity to the Rules for the class contemplated. The engines of this vessel are fitted aft.

Accompanying this report, Plans of Midship Section, and Report on Ships Joining.

This is a sister vessel to the "Ulverston". Hull Report No. 16728

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 *6.6* ft., Bridge Dk. *✓* ft., F'castle *20* 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.*

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.	
		Feet.		Tons.				Feet.		Tons.	
Double bottom, aft,	✓					Fore peak tank,	✓				
Double bottom, under Engines and Boilers,	✓					After peak tank,	✓				
Double bottom, if under Engines only,	✓					Midship deep tank,	✓				
Double bottom, if under Boilers only,	✓					Other tanks, if fitted,	✓				
Double bottom, forward,	✓					(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. *1454*

Date *21/12/04*

No. *334* in builder's yard.

DATE OF SURVEY held while building *1905: Jan 9, 19, 20, 27, Feb 4, 15, Mar 3, 8, 14, 20, 28, Apr 3, 8, 14, 25, May 3.*

Total No. of Visits *16*

The amount of Entry Fee *£ 2 : 0 : 0*

Special *£ 10 : 17 : 2*

Fees applied for *9/5/1905*

Received by me, *11.5.1905*

Certificate to be sent to *Hull*

State whether the Vessel has been built under Special Survey *Yes*

I am of opinion this Vessel should be Classed *100A Steam Trawler.*

With, or without Freeboard, as condition of Class *Without*

Committee's Minute *Too High (S.S.)*

Character assigned *Stm. Trawler*

Lloyd's at 100 + 5.05

Surveyor to Lloyd's Register of British and Foreign Shipping.