

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

# IRON OR STEEL STEAMER.

No. 17581

State if Report is also sent on the Machinery of the Vessel *yes*

Received at London Office, *24 Feb 1906*

Date of completion of Report *23rd February 1906*

Port of Hull

Date, First Survey *Sep. 25/05*

Last Survey

*Feb. 9th 1906*

Rig *Ketch*

Survey held at *Selly*

On the *Steam Sloop "ABRONIA"*

TONNAGE under Tonnage Deck... *223.57*

Do. of Poop *13.40*

Do. of Raised Or. Dk. or Break... *1.66*

Do. of Bridge House *3.04*

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of Engine Room... *242.27*

Gross Tonnage

Less Crew Space

Less above Crown of Engine Room... *242.27*

TONNAGE FOR FEES... *242.27*

Less Engine Room *117.42*

Less Navigation Spaces *3.50*

Register Tonnage *121.05*

as cut on Beam...

ONE OR TWO DECKED VESSEL.

CLASS *100A1, Steam Sloop.*

Half Breadth (moulded) *10.95*

Depth from upper part of Keel to top of Main Deck Bms. *12.79*

Girth of Half Midship Frame (as per Rule) *18.95*

1st Number *42.69*

Length on deck from after part of stem to fore part of stern post *125.04*

2nd Number *5337*

Proportions—Breadths to Length *5.7*

Depths to Length—Main Deck to top of Keel... *9.7*

Destined Voyage *Fishing*

If Surveyed while Building, Afloat, or in Dry Dock *Afloat*

Master *✓*

Year of appointment *(1) As master in service of owner of present vessel:—19 (2) As master of this vessel:—19*

Built at *Selly*

When built *1906*

Launched *28th Nov. 1905*

By whom built *Cochran & Sons*

Owners *The North Eastern Steam Fishing Co. Ltd.*

Managers

(Where necessary to be entered in Reg. Book.)

Residence *Grimsby*

Port belonging to *Grimsby*

and *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
<i>125</i>	<i>0 1/2</i>		<i>21</i>	<i>10 1/2</i>		<i>11</i>	<i>7</i>		<i>One</i>	<i>One</i>

Dimensions of Ship per Register, Length, *126.2* breadth, *22.0* depth, *11.47*. Moulded Depth, *12* ft. *4* ins. Round of Beam, Actual *4* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as	Inches per Rule Or as		Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule Or as	Inches per Rule Or as
FRAME, Angles, <i>7-E</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships	<i>3</i>	<i>2 1/2</i>	<i>6</i>	<i>3</i>	<i>2 1/2</i>	KEEL, Bar or Side Plates depth and thickness	<i>4 1/2 x 1 5/8</i>		<i>7 1/2 x 1 5/8</i>		
Do. for $\frac{1}{2}$ at each end	<i>3</i>	<i>2 1/2</i>	<i>6</i>	<i>3</i>	<i>2 1/2</i>	STEM, moulding and thickness	<i>7 1/2 x 1 5/8</i>		<i>7 1/2 x 1 5/8</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>		
Spacing of Frames from centre to centre		<i>20</i>			<i>20</i>	for Propeller	<i>4 1/2</i>		<i>4 1/2</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>	MAIN PIECE of Rudder, diameter at head...	<i>3 1/2 x 3</i>		<i>3 1/2 x 3</i>		
DEEP FRAMING, depth of girder						do. at heel					
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>16</i>		<i>7</i>	<i>16</i>	<i>7</i>	RUDDER, how constructed <i>Forged iron frame, plated</i>					
in way of Engines and Boilers			<i>8</i>		<i>8</i>	Can the Rudder be unshipped afloat? <i>Yes</i>					
thickness at the ends of vessel			<i>6</i>		<i>6</i>						
depth at $\frac{1}{2}$ the half breadth, as per Rule						KEELSONS AND STRINGERS.					
height extended at the Bilges						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>7 1/2</i>		<i>7 1/2</i>		<i>7</i>
FLOORS & BRACKETS, in Cell Dble Bottoms						Rider Plate					
state if flanged (top & bottom)						Bulb Plate to Intercoastal Keelson					
Spacing						Horizontal Plates on Floors					
CENTRE GIRDER, in Double Bottom, depth and thickness						Angles	<i>4</i>	<i>3</i>	<i>7</i>	<i>4</i>	<i>3</i>
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..					
Angles						BILGE KEELSON, Angles	<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>
MARGIN PLATE, depth (exclusive of flange) and thickness						Bulb or Plate above floors for lng.					
Angles to Outside Plating						Intercoastal Plate for length					
Floors						Attached to outside plating with Angle..					
Height of Floors at the Bilges						BILGE STRINGER Angles	<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake						Bulb Plate for length					
thickness in Engine and Boiler space						Intercoastal Plate for length					
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>8</i>	<i>5</i>	<i>3</i>	SIDE STRINGER Angles					
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>50</i>		<i>50</i>		<i>6</i>
Spacing						Angle on ditto	<i>3 x 3</i>		<i>3 x 3</i>		<i>6</i>
BEAMS, Hold, Plate or Tee Bulb						Tie Plates, outside Hatchways	<i>8</i>		<i>8</i>		<i>7</i>
Angles on Upper Edge						Diagonal Tie Plates on Bms., No. of Pairs					
Spacing						Main Dk* Iron or Steel for lng.					
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						R. Q. Dk* Iron or Steel for <i>R. Q. Dk</i> lng.			<i>3/20</i>		<i>3/20</i>
Angles on Upper Edge						Wood Deck, Material & thickness <i>P. Pin</i>	<i>3</i>		<i>3</i>		
Spacing						Lower Deck Stringer Plate, breadth and thickness					
BEAMS, Bridge or Pt. Awng. 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, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>5</i>	<i>3</i>	<i>8</i>	<i>5</i>	<i>3</i>	Hold Stringer Plate					
Angles on Upper Edge						Angles on ditto, No.					
Spacing		<i>40</i>			<i>40</i>	Poop Deck Stringer Plate, breadth & thickness					
PILLARS, In 'tween Decks, Size and Spacing						Angle on ditto					
Hold						Tie Plates					
Quarter, 'tween Dks.,	<i>2 1/2</i>					Deck, Material and thickness					
in Hold						Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness					
WEB FRAMES, In Fore Body, No. and Spacing						Angle on ditto					
Brth. & Thickness						Tie Plates					
No. of Side Stringers						Deck, Material and thickness					
WEB FRAMES, In E. & B. Space, No. & Spacing						Forecastle Deck Stringer Plate, brdth & thcknss					
Brth. & Thickness						Angle on ditto	<i>3 x 3</i>		<i>3 x 3</i>		<i>6</i>
No. of Side Stringers						Tie Plates <i>Deck plating</i>	<i>5</i>		<i>5</i>		<i>5</i>
Size of Angles or Tee Bars to Web Frames						Deck, Material and thickness <i>P. Pin</i>	<i>3</i>		<i>3</i>		
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness											

W1362-0034 1/2



**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.		BUTTS.		IF LAPPED.
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	AMIDSHIP.	AMIDSHIP.	Single or Double.	Breadth of Lap.	RIVETS.	STRAKES.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.					
FLAT PLATE KEEL (If Bar Keel, state Riveting)											
GARBOARD OR A Strake	32	8	7	7	32	8					
State actual thickness in way of Double Bottom.											
B "		7	6	6		7	Double	4 1/2	2 1/2	9 1/2	5
C "		7	6	6		7					
D "		7	6	6		7					
E "		7	6	6		7					
F "		7	6	6		7				9 1/2	7
G "	31	8	7	7	31	8				9 1/2	5
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		8		7							
BRIDGE SIDES											
FORECASTLE SIDES			5								
LENGTHS OF PLATING	Super frame 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 S.S. Co., Consett, Jarrowdonham.

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 *center to bilge stringer and deck aft.* state if ordinary or joggled *Ordinary*

**MASTS, SPARS, &c.**

LOWER MASTS...	Material.	Total length.	DIAMETER AND THICKNESS.			No. of Plates in round.	ANGLES.		RIVETING.
			At Partners.	Heel.	Head.		Number.	Size.	
Fore	P.Pine	42-10	14						
Main	Steel	31-0	12						
Mizen									

Bowsprit *✓*

Topmasts, Yards and Remainder of Spars *Pitch pine*

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

Sails. *On* Suit of *Sails and the following spare sails*

Equipment No. 5337 Letter *Trawler.*

**ANCHORS.** Tonnage U.D.K. or Plating No. for Traversers 5337.

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.					
28885	1st Bower	5	2	0	1	1	14	7	16	1	0	5	2	0	0	Rodgers	W. L. Sniffin	17-11-06	Perin
28886	2nd "	5	0	15	1	1	5	7	9	2	21	5	0	0	0	"	"	17-11-06	"
28887	3rd "	5	0	0	1	1	0	7	7	2	0	2	3	0	0	"	"	17-11-06	"
	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.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 22.
			Supplied.	Per Table 22.								
501	105 1 1/2	20 1/2 30 1/2	62-2-1	60-2-1	105 1 1/2	Steel	W. L. Sniffin	17-11-06	Perin	60 6	60 6	60 6
										60 4 1/2		60 4 1/2

**HAWSERS AND WARPS.**

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length and size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.	Material.	Length and size supplied.	Breaking Test of Steel Wire Towline.	Length and size per Table 22.

**Boats** *On*

**Pumps, Number** *Three* Diameter of Barrel *6" - 4"* State whether they are in efficient working order *Yes*

**Windlass** is *By, Cochran & Sons.* Capstan *✓*

**Engine Room Skylights.**—How constructed? *Leak*

What arrangements for deadlights in bad weather? *Leak flaps and bulls eyes.*

**Coal Bunker Openings.**—How constructed? *Cast iron rings* How are lids secured? *Secured* Height above deck? *Flush.*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side 6 Scuppers. 3 freeing ports 18 x 9*

**Ceiling in Holds,** thickness and material *2 pine* Cargo Battens, thickness and material *✓*

**Cargo Hatchways.**—How formed? *Plates and angles* Hatches.—If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *2-10 x 2-10* No. 2 Hatch *2-10 x 2-10* No. 3 Hatch *2-10 x 2-10* No. 4 Hatch *✓*

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

**Bulwarks,** height above deck and description *2-6 x 5/16* No. of Breasthooks *Five* No. of Crutches *One*

The above is a correct description. *Bochman & Sons* Surveyor's Signature *Allison B. Wilson*

Builder's Signature (here only) *Bochman & 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 5-9-05.*

**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 date, and in general conformity to the Rules for the class contemplated.*

Accompanying this Report. *Plans of Midship Section, Profile and decks, and Report on Ships Joinings.*

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 *44.0* ft., Bridge Dk. *✓* ft., F'castle *19.0* 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 D.K.*

Official No. *✓*; Signal Letters *✓* State if Machinery is fitted aft *Yes*

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. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.

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. *1521*

Date *14/9/05*

No. *356* in builder's yard.

Days of Survey held while building *1905: Sep. 25, Oct. 10, 13, 20, 27, 30, Nov. 6, 10, 13, 24, 27, 30, Dec. 7, 12, 19, 22.*

*1906: Jan. 1, 12, 17, 23, Feb. 2, 8, 9*

Total No. of Visits *23*

The amount of Entry Fee *£ 2 - - -* Fees applied for, *23/2/1906.*

Special *£ 12 - - -* Received by me, *26/2/1906.*

Travelling Expenses, if any *£ - - - 18 - - -*

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

I am of opinion this Vessel should be Classed *100 A1 Steam Trawler.*

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

*Allison B. Wilson* Surveyor to Lloyd's Register of British and Foreign Shipping.

**Committee's Minute** *TUES. 27 FEB 1906*

Character assigned *100 A1 Steam Trawler*

*Lloyds 100 A1 P.W. + L.M. 6.2.06*

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