

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*

Date of completion of Report *12 November 1900*

Date, First Survey *24 April 1900*

No. *40850*

TUES. 13 NOV 1900

Received at London Office

Port of *Newcastle-on-Tyne*

Last Survey *October 8th 1900*

Rig *Ketch*

Master *W.H. Ainsworth*

Year of appointment (1) As master in service of owner of present vessel: *1887*
(2) As master of this vessel: *November 1900*

Built at *North Shields*

When built *1900* Launched *28 August 1900*

By whom built *Smith's Dock Co Ltd*

Owners *The Boston Steam Fishing Co Ltd*

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

Residence *Boston*

Port belonging to *Boston*

TONNAGE under
Tonnage Deck *171.10*
Do. of Poop *11.09*
Do. of Raised Or. *2.61*
Do. of Bridge House *69*
Do. of Forecastle Break for *2.61*
Do. of Houses on Deck *69*
Do. of excess of Hatchways
Do. above Crown of Engine Room *185.49*
Gross Tonnage *185.49*
Less Crew Space *12.66*
Less above Crown of Engine Room *93.00*
TONNAGE FOR FEES *167.83*
Less Engine Room *93.00*
Less Navigation Spaces *1.66*
Register Tonnage as cut on Beam *73.17*

ONE OR TWO DECKED VESSEL.
CLASS *100A1.*

Half Breadth (moulded) *10.5*
Depth from upper part of Keel to top of Main Deck Bms. *12.43*
Girth of Half Midship Frame (as per Rule) *18.29*
1st Number *41.22*
Length on deck from after part of stem to fore part of stern post *113.88*
2nd Number *4694*
Proportions—Breadths to Length *5.42*
Depths to Length—Main Deck to top of Keel *9.16*
Destined Voyage *Fishing*

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

LENGTH on Deck as per Rule *113* Feet. *10 1/2* Inches. BREADTH—Moulded *21* Feet. *0* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *11* Feet. *2* Inches. No. of Decks with Flat laid *one*
No. of Tiers of Beams *one*
Dimensions of Ship per Register, Length, *116.0* breadth, *21.1* depth, *11.05* Moulded Depth, *12* ft. *0* ins. Round of Beam, Actual *6* ins.

FRAMING.

FRAME, Angles, *full* Bars, for *full* length
Do. for *at each end*
Do. in way of Double Bottoms at Solid Floors
Distance of Frames from moulding edge to moulding edge, all fore and aft
REVERSED FRAME, Angles
FLOORS, depth and thickness of Floor Plate at mid-line for *3* length amidships
" in way of Engines and Boilers
" thickness at the ends of vessel
" depth at *3* the half breadth, as per Rule
" height extended at the Bilges

FLOORS, BRICKETS, in C. & D. Bottoms
Distance apart
CENTRE GIRDER, in Double Bottom, depth and thickness
" Angles, Top
" Bottom
SIDE GIRDERS, number on each side & thickness
" Angles
MARGIN PLATE, depth (exclusive of flange) and thickness
" Angles to Outside Plating
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake
" thickness in Engine and Boiler space

BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Hold, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space

PILLARS, In 'tween Decks, Size and Spacing
" Hold
" Quarter, 'tween Deck
" in Hold
WEB FRAMES, In Fore Body, No. and Spacing
" Brdth. & Thickness
" No. of Side Stringers
WEB FRAMES, In E. & B. Space, No. & Spacing
" Brdth. & Thickness
WEB FRAMES, In After Body, No. and Spacing
" Brdth. & Thickness
" No. of Side Stringers
Size of Angles or Tee Bars to Web Frames
BRACKET PLATES to Stringers between

BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Hold, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space

PILLARS, In 'tween Decks, Size and Spacing
" Hold
" Quarter, 'tween Deck
" in Hold
WEB FRAMES, In Fore Body, No. and Spacing
" Brdth. & Thickness
" No. of Side Stringers
WEB FRAMES, In E. & B. Space, No. & Spacing
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WEB FRAMES, In After Body, No. and Spacing
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BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb
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" Average space
BEAMS, Hold, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb
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" Hold
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" Average space
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BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb
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BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb
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BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb
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PILLARS, In 'tween Decks, Size and Spacing
" Hold
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WEB FRAMES, In Fore Body, No. and Spacing
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BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb
" Angles on Upper Edge
" Average space
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb
" Angles on Upper Edge
" Average space

FORGINGS AND CASTINGS.

KEEL, *BULB STEEL* Plates depth and thickness *7 1/2 x 1 1/8*
STEM, moulding and thickness *7 1/2 x 1 1/8*
STERN-POST for Rudder do. do. *6 x 2 1/2*
" for Propeller *6 x 2 1/2*
MAIN PIECE of Rudder, diameter at head *4*
do. at heel *3 1/2 x 2 1/2*
RUDDER, how constructed *Forging + double plates*
Can the Rudder be unshipped afloat? *yes*

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, *Through Plate*, or Intercoastal Plate
" *Intercoastal*
" *Bulk Plate to Intercoastal Keelson*
" *Horizontal Plates on Floor*
" Angles
SIDE KEELSON, Angles
" Bulb or Plate above floors for *length*
" Intercoastal Plate for *length*
" Attached to outside plating with Angle
BILGE KEELSON, Angles *(two)*
" Bulb or Plate above floors for *length*
" Intercoastal Plate for *length*
" Attached to outside plating with Angle
BILGE STRINGER Angles
" Bulb Plate for *length*
" Intercoastal Plate for *length*
" Attached to outside plating with Angle
SIDE STRINGER Angles *(two)*
" Bulb or Intercoastal Plate for *length*
" Attached to outside plating with Angle

Main and Raised Quarter Deck Stringer Plate, breadth and thickness *24 6/16 24 6/16*
" Angle on ditto *3 x 3 6 3 x 3 6*
" Tie Plates fore & aft, outside Hatchways *8 6 8 6*
" Diagonal Tie Plates on Bms., No. of Pairs
" Main Dk. Iron or Steel for *length*
" R.Q. Dk. Iron or Steel for *length*
" Wood Deck, Material & thickness *PITCH PINE 5 x 3* *PP 5 x 3*

Hold Stringer Plate, breadth and thickness *20 5 20 5*
" Angle on ditto, No. *3 x 3 6 3 x 3 6*
" Tie Plates *8 6 8 6*
" Deck, Material and thickness *PITCH PINE 5 x 3* *PP 5 x 3*

Forecastle Deck Stringer Plate, breadth and thickness *24 5/16 24 5/16*
" Angle on ditto *3 x 3 6 3 x 3 6*
" Tie Plates *8 6 8 6*
" Deck, Material and thickness *PITCH PINE 5 x 3* *PP 5 x 3*

Bridge Deck Stringer Plate, breadth and thickness *20 5 20 5*
" Angle on ditto *3 x 3 6 3 x 3 6*
" Tie Plates *8 6 8 6*
" Deck, Material and thickness *PITCH PINE 5 x 3* *PP 5 x 3*

Forecastle Deck Stringer Plate, breadth and thickness *24 5/16 24 5/16*
" Angle on ditto *3 x 3 6 3 x 3 6*
" Tie Plates *8 6 8 6*
" Deck, Material and thickness *PITCH PINE 5 x 3* *PP 5 x 3*

Hold Stringer Plate, breadth and thickness *20 5 20 5*
" Angle on ditto, No. *3 x 3 6 3 x 3 6*
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Bridge Deck Stringer Plate, breadth and thickness *20 5 20 5*
" Angle on ditto *3 x 3 6 3 x 3 6*
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" Deck, Material and thickness *PITCH PINE 5 x 3* *PP 5 x 3*

Forecastle Deck Stringer Plate, breadth and thickness *24 5/16 24 5/16*
" Angle on ditto *3 x 3 6 3 x 3 6*
" Tie Plates *8 6 8 6*
" Deck, Material and thickness *PITCH PINE 5 x 3* *PP 5 x 3*

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Diam.	Spacing or to or.					Diam.	Spacing or to or.	Breadth.	Thick-ness.	Breadth.	For what Length.	
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.	
FLAT PLATE KEEL (If Bar Keel, state Riveting)																			
GARBOARD OF A Strake	34	7	7	7	33	7			DOUBLE	6	1	5							
State actual thickness in way of Double Bottom.	44	6	6	6	41	6			"	4 1/2	3/4	3	DOUBLE	3/4	2 9/8	9 3/4	7		
Other Strake	48	6	6	6	5 1/2	6			"	3 3/4	5/8	"	"	5/8	2 1/4		4 1/4	FTD	
	45	7	7	6	44	7			"	"	"	"	"	"	"		"	"	
	48 1/2	7	7	6	49	7			"	4 1/2	3/4	"	"	"	"	8	8-7		
	36	9/16	9/16	8	36	9/16			"				"	3/4	2 9/8	9 3/4	10 3/8		
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges																			
of Sheerstrakes																			
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.?										Main Stringer Plate Butts, riveted for full length									
Consent J. Co Ltd & South Durham St & Co Ltd										Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? double									
Buttens-Martin										Inner Bottom Plating, riveting of Edges Butts									
Has the Steel been tested as required by the Rules. Yes										Centre Girder Butts, riveted. Keelson Butts, riveted.									
										Frames, riveted through Plates with 5/8 in. Rivets, about 4 3/8 apart.									
										Rivets, state whether of Iron or Steel Iron									
FRAMES extend in one length from Keel to gunwale																			
REVERSED FRAMES on floors and frames extend from bilge to bilge & deck alternately in way of fish hold, double in E & B space																			
MASTS, SPARS, &c.																			
Diameter and Thickness.										RIVETING.									
Material. Total length. At Partners. Heel. Hounds. Head.										Number. Size. Seams. Butts.									
LOWER MASTS. Fore Main Mizzen										No. of Plates in round.									
Bowsprit										Angles.									
Topmasts, Yards and Remainder of Spars										Riveting.									
Rigging, Material and Size, Shrouds 2 3/4" Galv'd steel wire										Stays 3 1/2 Galv'd steel wire									
Sails. one Suit of fore top										Sails and the following spare sails									
EQUIPMENT No. LETTER TONNAGE FOR TRAWLERS 171 U.D.K.										ANCHORS.									
Number of Certificate. Anchors.										Weight, Ex Stock. Weight of Stock. Test, per Certificate. Weight Required by Table 22. Description of Anchor. Makers. Where and when tested and Superintendent.									
21,033 1st Bower										4 3 - 1 0 4 7 2 2 - 4 3 - Rodgers Stock not stated Tipton 14/00 C.B. Birrins									
20,881 2nd										4 1 7 1 0 14 6 12 2 - 4 1 - " " 11/00 "									
20,890 3rd										2 2 - 2 16 5 - - 2 2 - " " 11/00 "									
Collective weight										11 2 7									
Stream																			
Kedge																			
CHAIN CABLES.										HAWSEERS AND WARPS.									
Number of Certificate. Fathoms. Size. Test per Certificate. Tons. Supplied. Per Table 22. Fathoms and Size Per Table 22. Description. Makers of Cables. When and where tested, and Superintendent. Material. Fathoms. Size. Breaking Test of Steel Wire Towline. Fathoms and Size Per Table 22.																			
20,134 90 15/16 23 3/4 40 2-16 40 2-13 90-15/16 Steel Line not stated 2 1/2 00-Tipton C.B. Birrins										TOWLINE 60-52 60-52									
										HAWSEER 60-52 60-52									
										WARP 60-14 60-14									
Iron Stream Chain or Steel Wire																			
Boats one																			
Pumps, Number three hand pumps										Diameter of Barrel 6" State whether they are in efficient working order Yes									
Windlass is patent messenger										Capstan									
Engine Room Skylights. How constructed Teak skylight																			
What arrangements for deadlights in bad weather Bullseyes																			
Coal Bunker Openings. How constructed Steel coamings										How are lids secured Covers Height above deck 10"									
Number of Scuppers, and number and dimensions of Freeing Ports, &c. Freeing ports & Scuppers																			
Ceiling in Holds, thickness and material										Ceiling 'tween Decks, thickness and material									
Cargo Hatchways. How formed?										Hatches. If strong and efficient?									
State size No. 1 Hatch (Forward) No. 2 Hatch No. 3 Hatch No. 4 Hatch																			
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch																			
No. of Breasthooks one & deck No. of Crutches deep floors																			
Bulwarks, height above deck and description 3'0", Blue 7/20" Blue plate stays										Main Rail, material and size 7 1/2 3 x 7/20									
The above is a correct description.										Surveyor's Signature Thos Shaw									
Builder's Signature (here only) Colin Gardner										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. 27/2/00.

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 very 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)?

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.)

This vessel (Steel Screw Trawler) is a sister vessel of the "Frecian" NWC Report N- 40,576 and has been built in accordance with the approved plans, the Secretary's letter and in general conformity with the Rules

The materials and workmanship are good

Tracing of the Midship Section is forwarded herewith

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 47'9" 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) one deck - wood

Official No. 113740 ; Signal Letters

How are the surfaces preserved from oxidation? Inside Portland cement & 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,	✓		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. 3151

Date 6. 4. 00

No. 640 in builder's yard.

DATES of Surveys held while building

1900. Apr. 2, 27 May. 11, 14, 22, 26, 31 June 7, 8, 11, 15, 16, 19, 23 July 15, 18, 20, 25, 31 Aug 29, 18, 16, 20, 24 Sept 8, 11, 16, 26 Oct. 1, 12, 26, 29 Nov. 1, 3, 7, 8

Total No. of Visits 40

The amount of Entry Fee £ 1 : 0 : 0

Special £ 8 : 8 : 0

Certificate £ : : 0

Travelling Expenses if any £ : : 0

Fees applied for, 12 NOV 1900

Received by me, 14. 11. 1900

* Certificate to be sent to Newcastle-on-Tyne

State whether the Vessel has been built under Special Survey Yes

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

With, or without Freeboard, as condition of Class

Thos Shaw

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

Committee's Minute

Character assigned

100A1 Steel

Lloyd's Register

Steam Trawler

1100, 00

Lloyd's Register

Foundation