

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 (Hwc No. 50,152)*

Date of completion of Report *16th March 1906.*

Date, First Survey *October 26/05*

Port of Hull

Last Survey

Feb. 27th 1906

Survey held at *Wooler*

On the *Steam Trawler "TRITON"*

Rig *Ketch*

Master *Thomas J. Wales.*

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

TONNAGE under
Tonnage Deck... 193.85
Do. of Poop
Do. of Raised Or.
Do. of Break...
Do. of Bridge House
Do. of Forecastle
Do. of Houses on Deck 3.35
Do. of excess of Hatchways
Do. above Crown of
Engine Room... 9.84
Gross Tonnage 204.04
Less Crew Space 21.05
Less above Crown of
Engine Room... 9.84
TONNAGE FOR FEES... 176.15
Less Engine Room 121.19
Less Navigation Spaces 5.42
10 + *Abandonment of Engine Room* 9.84
Register Tonnage 59.38
as out on Beam...

ONE OR TWO DECKED VESSEL.

CLASS *100A1* "Steam Trawler".

Half Breadth (moulded) 10.75
Depth from upper part of Keel to top of Main Deck Bms. 13.50
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 19.50
1st Number 43.75
Length on deck from after part of stem to fore part of stern post 115.64
2nd Number 50.60
Proportions Breadths to Length 5.38
Depths to Length—Main Deck to top of Keel... 8.57
Destined Voyage *Fishing* If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Built at *Wooler*

When built 1906. Launched *28th December 1905*

By whom built *Wooler Shipbuilding & Repairing Co. Ltd.*

Owners *Thomas J. Wales.*

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

Residence *Swansea.*

Port belonging to *Swansea.*

LENGTH on Deck as per Rule... 115 Feet. 8 Inches. BREADTH—Moulded... 21 Feet. 6 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... 12 Feet. 2 Inches. No. of Decks with Flat laid... 1 No. of Tiers of Beams... 1
Dimensions of Ship per Register, Length, 116.9 breadth, 21.65 depth, 12.0 Moulded Depth, 13 ft. 0 ins. Round of Beam, Actual 6 ins.

FRAMING.			FORGINGS AND CASTINGS.		
FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships	Inches in Ship.	Inches per Rule.	KEEL, Bar or Side Plates, depth and thickness	Inches in Ship.	Inches per Rule.
Do. for $\frac{1}{2}$ at each end in way of Bulkheads	4 1/2	3	STEM, moulding and thickness	7 1/2 x 1 1/2	7 1/2 x 1 1/2
Do. in way of Double Bottoms at Solid Floors	4 1/2	3	STERN-POST for Rudder do. do.	6 x 2 1/2	6 x 2 1/2
Spacing of Frames from centre to centre	21	21	MAIN PIECE of Rudder, diameter at head	4 1/2	4 1/2
REVERSED FRAME, Angles <i>2 1/2</i> or <i>3</i> Bars	2 1/2	2 1/2	do. at heel	3 x 3	2 1/2 x 2 1/2
DEEP FRAMING, depth of girder	4 1/2	4 1/2	RUDDER, how constructed <i>Forged iron frame, plated</i>		
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	16	16	Can the Rudder be unshipped afloat? <i>Yes</i>		
in way of Engines and Boilers	8	8	KEELSONS AND STRINGERS		
thickness at the ends of vessel	16	16	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	4 1/2	3
depth at $\frac{1}{2}$ the half breadth, as per Rule	16	16	Rider Plate		
height extended at the Bilges	16	16	Bulb Plate to Intercoastal Keelson		
FLOORS & BRACKETS, in Cell Dble Bottoms			Horizontal Plates on Floors		
state if flanged (top & bottom)			Angles		
Spacing			SIDE KEELSON, Angles		
CENTRE GIRDER, in Double Bottom, depth and thickness			Bulb or Plate above floors for lng.		
Angles, Top			Intercoastal Plate for length		
Bottom			Attached to outside plating with Angle		
SIDE GIRDERS, number on each side & thickness			BILGE KEELSON, Angles (or) <i>Angles</i>	5	4
state if flanged (top & bottom)			Bulb or Plate above floors for lng.		
Angles			Intercoastal Plate for length		
MARGIN PLATE, depth (exclusive of flange) and thickness			Attached to outside plating with Angle		
Angles to Outside Plating			BILGE STRINGER Angles		
Floors			Bulb Plate for length		
Height of Floors at the Bilges			Intercoastal Plate for length		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake			Attached to outside plating with Angle		
thickness in Engine and Boiler space			SIDE STRINGER Angles (or) <i>Angles</i>	5	4
Remainder in Holds			Bulb or Intercoastal Plate for lng.		
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	Attached to outside plating with Angle		
Angles on Upper Edge			Main and Raised Quarter Deck Stringer Plate, breadth and thickness	24	24
Spacing	42	42	Angle on ditto	3 x 3	3 x 3
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb			Tie Plates, outside Hatchways	8	8
Angles on Upper Edge			Diagonal Tie Plates on Bms. No. of Pairs		
Spacing			Main Dk* <i>Iron</i> Steel for <i>Space</i> lng.		
BEAMS, Hold, Plate or Tee Bulb			R. Q. Dk* <i>Iron</i> or Steel for <i>Space</i> lng.		
Angles on Upper Edge			Wood Deck, Material & thickness <i>P.P. in</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			Angle on ditto		
Angles on Upper Edge			Tie Plates		
Spacing			Deck, Material and thickness		
PILLARS, In 'tween Decks, Size and Spacing			Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness		
Hold	2 1/2	As arranged	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 & thickness		
No. of Side Stringers			Angle on ditto		
WEB FRAMES, In E. & B. Space, No. & Spacing			Tie Plates		
Brdth. & Thickness			Deck, Material and thickness		
WEB FRAMES, In After Body, No. and Spacing			Are the outside Plates doubled two spaces of Frames in length? <i>Yes</i>		
Brdth. & Thickness			Are the Sluice Valves and Watertight Doors in efficient working order? <i>Yes</i>		
No. of Side Stringers					
Size of Angles or Tee Bars to Web Frames					
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness					

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					DOWN EDGES.					BUTTS.				
STRAKES.					AMIDSHIP.					Single or Double.					RIVETS.				
Breadth. Thickness. Thickness. Thickness.					Breadth. Thickness.					Diam. Spacing or to cr. Length.					Diam. Spacing or to cr. Length.				
FLAT PLATE KEEL.....										1 5									
GARBOARD OR A STRAKE.....										2 3									
State actual thickness in way of Double Bottom.										D full L 2 3 11 8									
B V " " " " " "										T 1/2 L " " " "									
C V " " " " " "										D full L " " " "									
D V " " " " " "										T 1/2 L " " " "									
E V " " " " " "										D full L " " " "									
F V " " " " " "										11 8									
G " " " " " "																			
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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.....										Run from apices.									

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*
Corbett, Frodingham, South Durham S & C.

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

Main Stringer Plate Butts, riveted for full length amidship.
 Straps, single, double or overlapped for full length amidship.
 Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? *3 & D.*
 Inner Bottom Plating, riveting of Edges Butts.
 Centre Girder Butts, riveted. Keelson Butts, treble riveted.
 Frames, riveted through Plates with 2 1/2 in. Rivets, about 5 apart.
 Rivets, state whether of Iron or Steel *Iron*.

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 floor only. (Single angle frame) state if ordinary or joggled. *Ordinary*

MASTS, SPARS, &c.									
		Material.		Total length.		DIAMETER AND THICKNESS.		No. of Plates in round.	
						Heel. Hounds. Head.			
LOWER MASTS....	Fore	P. Pin	47.0	13					
	Main	Steel	34.6	12					
	Mizen								
Bowsprit									
Topmasts, and Remainder of Spars		Piled pin.							
Rigging, Material and Size, Shrouds		Galv. wire.							
Sails.		One							

Equipment No. 5060 Letter Jauchel									
ANCHORS.									
Number of Certificate.		Anchors.		WEIGHT, EX STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.	
				Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. Cwts. qrs. lbs.	
55630	1st Bower ..	5	1 1/4	1	1 1/4	1	1 1/4	1	1 1/4
55622	2nd " " "	4	3 1/2	1	0 20	4	5 0	0 4	3 0 4
55629	3rd " " "	2	2 9/10	1	1 9/10	5	2 2	0 2	2 0 2
Collective weight									
Stream									
Kedge									

CHAIN CABLES.										HAWSERS AND WARPS.											
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length & 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.			
Length.	Diam.	Status-ory.	Break-ing.	Supplied.	Per Table 22.	Length.	Diam.	Length.	Diam.					Fathoms.	Ins.	Fathoms.	Ins.	Fathoms.	Ins.	Fathoms.	Ins.
590	90	1	✓	18	27	4 1/2	3	45	3	17	90	1	✓	✓	✓	✓	✓	✓	✓	✓	
Iron Stream Chain or Steel Wire.....																					

Boats *One*

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

Windlass is by *Hummell & Son.* Capstan *✓*

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

What arrangements for deadlights in bad weather? *Teak flaps and bullseyes.*

Coal Bunker Openings.—How constructed? *Plated and angled cast.* How are lids secured? *Patented down and Height above deck? 9" and 12".*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side, 4 Scuppers, 4 freeing ports 24" x 12".*

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

Cargo Hatchways.—How formed? *Plated and angled.* Hatches.—If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *3-6 x 1-9* No. 2 Hatch *3-6 x 3-6* No. 3 Hatch *3-6 x 1-9* No. 4 Hatch *✓*

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

No. of Breasthooks *Four* No. of Crutches *One* *dup floor*

Bulwarks, height above deck and description *2-9 x 2-0* Main Rail and Stays, material and size *6 x 3 x 22 steel B.A.*

The above is a correct description.

Builder's Signature (here only) *Hubert F. Conroy* 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)
My 10.05. 2.12.05.

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)? *Jauchel* State results of tests *✓*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *Jauchel* 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 quantity letters of the above date, and in general conformity to the Rules for the class contemplated.

Accompanying this Report: Plans of Midship Section, Profile, Pumping Arrangements, Report on Ship's Fittings.

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.*

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 <i>✓</i>					
Where fitted.		*Length. Feet.	Water Capacity. Tons.	Where fitted.	
Double bottom, aft,	<i>✓</i>			Fore peak tank,	<i>✓</i>
Double bottom, under Engines and Boilers,	<i>✓</i>			After peak tank,	<i>✓</i>
Double bottom, if under Engines only,	<i>✓</i>			Deep tank, aft	<i>✓</i>
Double bottom, if under Boilers only,	<i>✓</i>			Deep tank, forward	<i>✓</i>
Double bottom, forward,	<i>✓</i>			Other tanks, if fitted,	<i>✓</i>
Total capacity <i>✓</i>			(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. *531*

Date *19/10/05*

No. *83* in builder's yard.

DATES OF SURVEYS held while building *1905: Oct 26, 31, Nov 3, 7, 16, 20, 22, 24, 29 Dec. 14, 16, 8, 11, 13, 15, 18, 23, 28. 1906: Jan 2, 5, 9, 12, Jan. 16, 26, 30, Feb. 1, 5, 27.*

Total No. of Visits *29.*

The amount of Entry Fee £ 1 : - - *16/3/1906*

Special £ 8 : 16 : - Received by me *19/3/1906*

Travelling Expenses, if any £ 1 : 0 : 10

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 *Without.*

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

Committee's Minute *TUES. 20 MAR 1906*

Character assigned *100A1 Steam Trawler*

Lloyd's 2860 *+ Lmb 206*

W1586-0259 212