

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

# IRON OR STEEL STEAMER.

No. 19707

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report *3-1-08*

Received at London Office, SAT. 4 JAN 1903

Survey held at *Selly*

Date, First Survey *Sep. 12<sup>th</sup>*

Port of Hull

Last Survey *Dec. 19<sup>th</sup>*

Rig Ketch.

On the Steam Sailer "AVON."

Master *✓*

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... 224.48

Do. of Poop

Do. of Raised Q. 13.95

Do. of Bridge House

Do. of Forecastle 6.71

Do. of Houses on Deck 5.32

Do. of excess of Hatchways

Do. above Crown of

Engine Room... 250.46

Gross Tonnage 18.24

Less Crew Space

Less above Crown of

Engine Room... 232.22

TONNAGE FOR FEES..

Less Engine Room 112.23

Less Navigation Spaces 9.25

Register Tonnage 110.44

as 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. 12.95

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 19.83

1st Number 43.73

Length on deck from after part of stem to fore part of stern post 123.79

2nd Number 54.13

Proportions—Breadths to Length 5.6

Depths to Length—Main Deck to top of Keel 9.5

Destined Voyage *Fishing*

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

LENGTH on Deck as per Rule... 123 9 1/2  
BREADTH—Moulded... 21 10 3/4  
DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams... 11 7 5  
No. of Decks with Flat laid *One*  
No. of Tiers of Beams *One*

Dimensions of Ship per Register, Length, 125.0 breadth, 22.0 depth, 11.67... Moulded Depth, 12 ft. 6 ins. Round of Beam, Actual 7 ins.

FRAMING.		Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appr. ved.	Inches per Rule Or as Appr. ved.	16ths or 20ths per Rule Or as Appr. ved.	FORGINGS AND CASTINGS.		Inches in Ship.	Inches per Rule Or as Appr. ved.
FRAME, Angles, <i>7</i> , <i>E</i> or <i>L</i> Bars, for 1/2 length amidships		4	3	8	4	3	5/20	KEEL, Bar or Side Plates depth and thickness		8 x 2	8 x 2
Do. for 1/2 at each end								STEM, moulding and thickness		8 x 2	8 x 2
Do. in way of Double Bottoms at Solid Floors								STERN-POST for Rudder do. do.		6 1/2 x 3	6 1/2 x 3
" " at intermdt. Bkts.								" for Propeller		4 1/2	4 1/2
Spacing of Frames from centre to centre		20			20			MAIN PIECE of Rudder, diameter at head		3 1/2 x 3	3 1/2 x 3
REVERSED FRAME, Angles		2 1/2	2 1/2	4	2 1/2	2 1/2	4	RUDDER, how constructed <i>Forged iron frame, 2 plates</i>			
DEEP FRAMING, depth of girder		4			4			Can the Rudder be unshipped afloat? <i>Yes</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		16		6	16		6	KEELSONS AND STRINGERS.		Inches in Ship.	Inches per Rule Or as Appr. ved.
" in way of Engines and Boilers				7			7	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		7 1/2	7 1/2
" thickness at the ends of vessel				5			5	" Rider Plate			
" depth at 1/2 the half breadth, as per Rule		<i>Straight across</i>						" Bulb Plate to Intercoastal Keelson			
" height extended at the Bilges		<i>See plan</i>						" Horizontal Plates on Floors		4 1/2	4 1/2
FLOORS & BRACKETS, in Cell Dble Bottoms								" Angles		4 1/2	4 1/2
" " 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
SIDE GIRDERS, number on each side & thickness state if flanged (top & bottom)								" Bulb or Plate above floors for		5	4
" " 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			
" Floors								" Bulb Plate for			
" Height of Floors at the Bilges								" Intercoastal Plate for			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake								" Attached to outside plating with Angle		5	4
" 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 1/4
" Spacing		40			40			" 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* 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		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. Awng. Deck Stringer Plate, breadth and thickness			
" " Hold		22			<i>As arranged</i>			" 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			
" " Brdth. & Thickness								" Angle on ditto		3 x 3	3 x 3
" " No. of Side Stringers " "								" Tie Plates			
WEB FRAMES, In E. & B. Space, No. & Spacing								" Deck, Material and thickness			
" " Brdth. & Thickness								BULKHEADS.		Inches in Vessel.	Per Rule.
" " No. of Side Stringers " "								W.T. BULKHEADS		4	4
" " Size of Angles or Tee Bars to Web Frames								PARTITION			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness								LONGITUDINAL			



PLATING. RIVETING.

STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. Ordinary or Joggled? Ordinary

Double or Treble and for what Length. Rivets. Straps. If Lapped.

Flat Plate Keel (If Bar Keel, state Riveting) GABBOARD or A Strake ... 32 8 6 6 32 8

State actual thickness in way of Double Bottom.

B " 7 6 6 7 Double 4 3 3 3 2 7 9 9 5 full

C " 7 6 6 7

D " 7 6 6 7

E " 7 6 6 7

F " 7 6 6 7

G " 36 8 6 6 36 8

H " 7 6 6 7

I " 7 6 6 7

J " 7 6 6 7

K " 7 6 6 7

L " 7 6 6 7

M " 7 6 6 7

N " 7 6 6 7

O " 7 6 6 7

P " 7 6 6 7

DOUBLING of Flat Plate Keel of Bilges Length and thickness of Sheerstrakes. of Strake below POOP SIDES RAISED QUARTER DECK SIDES BRIDGE SIDES FORECASTLE SIDES LENGTHS OF PLATING. 5

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 Stainer Plates, outside Plating, &c. Mild Steel. South Durham, Consett, Fellingham

Has the Steel been tested as required by the Rules Yes

FRAMES extend in one length from keel to gunwale to gunwale state if ordinary or joggled Ordinary

REVERSED FRAMES on floors and frames extend from across top of floors. (Single angle frames) state if ordinary or joggled Ordinary

MASTS, SPARS, &c.

LOWER MASTS. Fore P.Pine 46.6 14 Main Steel 34.0 12 Mizzen

Bowsprit Topmasts, Yards and Remainder of Spars Pitch Pine

Rigging, Material and Size, Shrouds Stays

Sails. On Suit of Sails and the following spare sails

Equipment No. Letter Anchors. Tonnage U.D.K. or Plating No. for Trawlers 5413.

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.

2549 1st Bower 5 2 14 1 1 6 7 18 1 21 5 2 0 Rodgers W. L. S. 22-10-07

2545 2nd " 5 0 18 1 1 10 7 9 2 21 5 0 0 " " 22-10-07

2547 3rd " 2 3 6 - 2 24 5 7 2 0 2 3 0 " " 22-10-07

Collective weight Stream Kedge

CHAIN CABLES. HAWERS 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. Length and Size per Table 22.

3556 105 1 1/2 12 24 42-0 21 64 3 105 1 1/2 24 W. L. S. 22-10-07

Iron Steam 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 Cochran & Sons. Capstan

Engine Room Skylights. How constructed? Steel

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? 8 inches

Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side

Ceiling in Holds, thickness and material 2" pine 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' 0" x 3' 0" No. 2 Hatch 2' 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

No. of Breasthooks 300 No. of Crutches One & a half

Bulwarks, height above deck and description 3' 6" x 5' 6" Main Rail and Stays, material and size 6" x 3" x 5" Steel B.A.

The above is a correct description.

Builder's Signature (here only) Cochrane & 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)

17/1 5-9-07. 16-9-07. (E) 9-10-07.

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)? Jawsler 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'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. Pumping arrangements, and Report on ships 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 15.7 ft. R.Q.D. or Break 15.7 ft. Bridge Dk. 10.5 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. 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 of double bottom State whether the above have been tested as required by the Rules

The amount of Entry Fee 2 - - - 3/11 1908

Special 11 12 - Received by me

Travelling Expenses, if any 13 5

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.

Committee's Minute TUES. 7 JAN 1908

Character assigned 100A1

Im Trawler

Lloyd's as per + time 12.07

664350-004361-00531