

1 or 2 Dks., R.Q.Dk.,

IRON OR STEEL STEAMER.

THURS. 27 DEC 1894

Received at London Office, 1894

and Pt. Awng Dk.

State of Report is also sent on the Machinery of the Vessel.

No. 13340 Survey held at
On the 18th Dec 1894

Date of completion of Report 24th Dec 1894

Date, First Survey 24th July 1894

Port of Glasgow

Last Survey 14th Dec 1894

Rig 3 Masted Masted Schooner

Master John McParte

Year of appointment (1) As master in service of owner of present vessel - 1894
(2) As master of this vessel - 1894

TONNAGE under

Tonnage Deck... 820.39

Do. of Poop 52.12

Do. of Raised Qr. Dk. or Break... 11.08

Do. of Bridge House 2

Do. of Forecastle 8.24

Do. of excess of Hatchways 29.49

Do. above Crown of Engine Room... 324.77

Gross Tonnage 324.77

Less Crew Space 32.63

Less above Crown of Engine Room... 29.49

TONNAGE FOR FEES 262.65

Less Engine Room 208.85

Less Navigation Spaces 9.18

Register Tonnage 74.49

as cut on Beam 74.11

ONE OR TWO DECKED VESSEL.

CLASS 100 A1

FEET.

Half Breadth (moulded) 11.25

Depth from upper part of Keel to top of Main Deck Bms. 11.20

Girth of Half Midship Frame (as per Rule) 20.10

1st Number 42.55

Length 140.5

2nd Number 5978

Proportions—Breadths to Length 6.2

Depths to Length—Main Deck to top of Keel 12.5

Destined Voyage Coasting

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

LENGTH on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH—Feet. Inches. Power of Engines Horse. No. of Decks with Flat laid one
as per Rule 140 6 Moulded 22 6 Top of Floors to Main Deck Beams 10 0 49 No. of Tiers of Beams one

Dimensions of Ship per Register, Length, 141.5 breadth, 22.5 depth, 9.8 Moulded Depth, ft. 10 ins. 9 Round of Beam 6 1/2 inches.

FRAMING.

	Inches in Ship.	Inches in Ship.	10ths or 20ths in Ship.	Inches per Rule Or as Appro.	10ths or 20ths per Rule ved.
FRAME, Angles, 2, E or L Bars, for 1/2 length amidships	3	2 1/2	6	3	2 1/2
Do. for 1/2 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	21"			21	
REVERSED FRAME, Angles	2 1/2	2 1/2	6	2 1/2	5
DEEP FRAMING, depth of girder	15 1/2	6		15 1/2	6
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	18			18	
in way of Engines and Boilers	5			5	
thickness at the ends of vessel	10"			10"	
depth at 1/2 the half breadth, as per Rule	26			26"	
height extended at the Bilges					
FLOORS & BRACKETS, in C-B-Ble Bottoms					
Distance apart					
CENTRE GIRDER, in Double Bottom, depth and thickness					
Angles, Top					
Bottom					
SIDE GIRDERS, number and thickness					
Angles					
MARGIN PLATE, depth (exclusive of flange) and thickness					
Angles					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake					
thickness in Engine and Boiler space					
Remainder in Holds					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	4	2 1/2	6	4	2 1/2
Angles on Upper Edge					
Average space	21"			21	
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	4 1/2	3	6	4 1/2	3
Angles on Upper Edge					
Average space	42			42	
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	4 1/2	3	7	4 1/2	3
Angles on Upper Edge					
Average space	42"			42	
PILLARS, In 'tween Decks, Size and Spacing					
Hold	2 1/2	27/8		2 1/2	9 27/8
Quarter, 'tween Dks.					
in Hold					
WEB FRAMES, In Fore Body, No. and Spacing					
Brdth & Thickness					
No. of Side Stringers					
WEB FRAMES, In E & B Space, No. and 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 Web Frames, Depth and Thickness					

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule Or as Approved.
KEEL, Bar or Side Plates depth and thickness	7 x 7 1/2 x 1 1/2	7 x 1 1/2 x 1 1/2
STEM, moulding and thickness	6 x 7 1/2 x 1 1/2	6 x 1 1/2 x 1 1/2
STERN-POST for Rudder do. do.	6 x 3	6 x 3
do. for Propeller	do	do
MAIN PIECE of Rudder, diameter at head do. at heel	4 1/4 2 1/4	4 1/4 2 1/4

RUDDER, how constructed Single plate & Trayed in frame
Can the Rudder be unshipped afloat? Yes

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	10ths or 20ths in Ship.	Inches per Rule Or as Appro.	10ths or 20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	10	8		10	8
Rider Plate	6 1/2	8		6 1/2	8
Bulb Plate to Intercoastal Keelson					
Horizontal Plates on Floors					
Angles	3	3	6	3	3
SIDE KEELSON, Angles	3	3	6	3	3
Bulb or Plate above floors for length					
Intercoastal Plate for 1/2 length	3	3	6	3	3
Attached to outside plating with Angle	3	3	6	3	3
BILGE KEELSON, Angles	3	3	6	3	3
Bulb or Plate above floors for 3/5 len.	5 1/2	5		5 1/2	5
Intercoastal Plate for length					
Attached to outside plating with Angle					
BILGE STRINGER Angles	3	3	6	3	3
Bulb Plate for length					
Intercoastal Plate for length					
Attached to outside plating with Angle					
SIDE STRINGER Angles	12	6		12	6
Bulb or Intercoastal Plate for length	3	3	6	3	3
Attached to outside plating with Angle	2 1/2	2 1/2	5	2 1/2	5
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	60	7		60	7
Angle on ditto	3 x 3 x 6			3 x 3 x 6	
Tie Plates fore & aft, outside Hatchways					
Diagonal Tie Plates on Bms, No. of Pairs					
Main Dk* Iron or Steel for all lng.		6		6	
R. Q. Dk* Iron or Steel for all lng.		6		6	
Wood Deck, Material & thickness					
Lower Deck Stringer Plate, breadth and thickness					
Angles on ditto, No.					
Tie Plates, outside Hatchways					
Deck Material and thickness					
Hold Stringer Plate					
Angles on ditto, No.					
Poop Deck Stringer Plate, breadth & thickness					
Angle on ditto					
Tie Plates					
Deck Material and thickness					
Bridge Deck Stringer Plate, brdth & thickness	20	5		20	5
Angle on ditto	2 1/2 x 2 1/2	5		2 1/2 x 2 1/2	5
Tie Plates	7	5		7	5
Deck, Material and thickness	2 1/4 x P			2 1/4 x P	
Forecastle Deck Stringer Plate, brdth & thickness	20	5		20	5
Angle on ditto	2 1/2 x 2 1/2	5		2 1/2 x 2 1/2	5
Tie Plates	7	5		7	5
Deck, Material and thickness	2 1/4 x P			2 1/4 x P	

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.

	Number.	Thickness.	STIFFENERS.			Single or Double Frames.	Height up.
	In Vessel.	Per Rule.	Horizontal.	Vertical.	Spacing.		
W. T. BULKHEADS	3	3	5/20	3 x 2 1/2 x 5	3 x 2 1/2 x 5	30"	double 2 1/2 m Pa
PARTITION COAL	1	1	1/4	"	"	"	single
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length? Yes

PLATING.

RIVETING.

[illegible]

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. ? *All made by D Colville & Co of Leamington Steel*

Main Stringer Plate { Butts, ^{double lap} treble riveted for all length amidship.
 { ~~Straps~~, single, double or overlapped for length amidship

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? treble

Inner Bottom Plating, riveting of **Edges** **Butts**

Centre Girder Butts, riveted. **Keelson Butts**, treble riveted.

Frames, riveted through Plates with 5/8 x 3/4 in. Rivets, about 4 1/2 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 Keel to gunwale, & bulk or hold strings, alternately.

MASTS, SPARS, &c.

		DIAMETER AND THICKNESS.					No. of Plates in round.	ANGLES.		RIVETING.	
		Material.	Total length.	At Partners.	Heel.	Hounds.		Head.	Number.	Size.	Stems.
<i>Light pole</i> Fore MASTS....	Fore	<i>Wood</i>									
	Main	<i>do</i>									
	Mizen	<i>do</i>									
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds		<i>3 shrouds of Steel wire</i>									
Stays		<i>Steel wire</i>									
Sails.		<i>one</i>	Suit of	<i>Canvas</i>		Sails and the following spare sails					

EQUIPMENT No. 6576 LETTER C TONNAGE FOR TRAWLERS U.Dk.
ANCHORS.

[illegible]

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.
				Supplied.	Per Rule.									
6000	90	1 1/16	23-14-0-0 15-16-0-0	40-2-20		165 1/2	Steel	1st Ward	12 Mar 94 Asst. Comm.	TOWLINE	75	7"	75 x 7	
6020	75	1 1/16	do	33-3-20			"	do	15 do do	HAWSER	90	5"	90 x 5	
				74-2-12 7/4-1-20						WARP				
Iron Steam (Chain) or Steel Wire.	45	2 1/4	9 1/2 tons	Steel wire	45 x 2 1/4		Wire	AB Inman						

HAWSERS AND WARPS.

Boats *Life boat 9 Dring*
Pumps, Number *One at 4 1/2 x 2 1/4 & one at 5" x 1 1/2* Diameter of Barrel and Tail Pipe *Pumps have been tested*
Windlass is *by Clark Chapman; hand, on Fore Deck* ~~Captain~~
Engine Room Skylights.—How constructed? *Yark*
What arrangements for deadlights in bad weather? *Gratings*
Coal Bunker Openings.—How constructed? *Same height as casing* How are lids secured? *Watch cover* Height above deck? *7-0*
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *2 scupper per side in well*
Ceiling in Holds, thickness and material *2 1/2 RP* Ceiling 'tween Decks, thickness and material *✓*
Cargo Hatchways.—How formed? *Deep coverings* Hatches.—If strong and efficient? *Yes*
State size No. 1 Hatch (Forward) *19-3 x 12-6* No. 2 Hatch *19-2 x 12-6* No. 3 Hatch *✓* No. 4 Hatch *✓*
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *One web & 3 for & after in both hatches*
No. of Breasthooks *two* No. of Crutches *✓*
Bulwarks, height above deck and description *4 feet x 4/20* Main Rail, material and size *5 x 2 1/2 built angle*
The above is a correct description.
Builder's Signature (here only.) *W. A. Shipbuilding Co.* Surveyor's Signature *A. Campbell Wilson*
Surveyor to Lloyd's Register of British and Foreign Shipping.

13370 gls

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

M 28th June 1894 M 31st July 1894 E 31st August 1894

Workmanship. Are the butts of plating planed or otherwise fitted? *Yes, planed*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Yes*

to plate, &c, conform well to each other? *Yes*

Do the holes for riveting plate to frames, butt straps, or plate

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? *No*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*

General Remarks (State quality of workmanship, &c.)

This vessel has been built in accordance with the approved plans, enclosed herewith, three in number; and the midship section, already forwarded for the preparation of Certificate. Also in compliance with the Secretary's letters of above date. The society's rules have been adhered to, & the material & workmanship is good throughout. The rudder frame has been constructed with fillets of normal size, & with a groove in the main piece.

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 81 ft., Bridge Dk. 9.5 ft., F'castle 22 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

The quarter deck & bridge house are connected

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 steel*

Official No. ✓ ; Signal Letters ✓

How are the surfaces preserved from oxidation? Inside *Paint & Cement* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system *No*

Where fitted.	Length. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	✓		Fore peak tank	22-0	22 tons
Double bottom, forward,	✓		After peak tank	6-0	5
Double bottom, under Engines and Boilers,	✓		Midship deep tank	✓	
Double bottom, if under Engines only,	✓		Other tanks, if fitted,	✓	
Double bottom, if under Boilers only,	✓		(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules *Yes*

Order for Special Survey No. <i>2493</i>	DATES of Surveys held while building as per Section 18.	1st. On the several parts of the frame, when in place, and before the plating was wrought	<i>1894 July 24, 26, 28 Aug 2, 8, 14, 17, 22, 30.</i>
Date <i>25th July 1894</i>		2nd. On the plating during the process of riveting	<i>Sep 4, 7, 11, 14, 17, 21, 25. Oct 3, 8, 11.</i>
Order for Ordinary Survey No. ✓		3rd. When the beams were in and fastened and before the decks were laid	<i>Oct 15, 18, 23, 29, 31. Nov 5, 12, 14, 20.</i>
Date ✓		4th. When the ship was complete, and before the plating was finally coated or cemented	<i>Nov 23, 26. Dec 3, 11, 14.</i>
No. <i>48</i> in builder's yard		5th. After the ship was launched and equipped	Total No. of Visits <i>32</i>

The amount of Entry Fee£ 2 : " : : Fees applied for, *24/12/ 1894*
Special£ 13 : 3 : :
Certificate* £ : : :
Travelling Expenses, if any £ 3 : 11 : 3 *26/12/ 1894*

I am of opinion this Vessel should be Classed ** 100 A1 steel*

With, or without Freeboard, as condition of Class

* Certificate to be sent to

Glasgow

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

Committee's Minute

Character assigned

2 at 12, 194

100 A1 Steel

1 Dk (Steel)

Well dk

Signature

This vessel appears to have been built in accordance with the Rules and the approved plans and it is submitted she is eligible to be classed 100 A1 (Steel) as recommended.

+ 100 A1 (Steel)

1 Dk (Steel) Well Deck

M.B. = F.P.T. 234 A.P.T. 56

BK 7" Cam

The Surveyor should be requested to state whether the requirements of Circulars 280 and 287 have been complied with in this case. See Surveyor's reply dated 29.12.94

GLS171-0108 (2/12)