

and
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 *12th June 1909.*
Date, First Survey *Feb. 12th*

Received at London Office,

No. *21300*
L.R.S. 15 JUN 1909

Port of *Hull*

Last Survey *May 26th*

1909.

Rig *Schooner*

Survey held at *Selly*

On the

Steamer "SHOTTON."

ONE OR TWO DECKED VESSEL.

CLASS *100A1.*

Master *✓*

Year of appointment

(1) As master in service of
owner of present vessel:—19
(2) As master of this
vessel:—10

Built at *Selly*

When built *1909*

Launched *4th April.*

By whom built *Cochrane & Sons.*

Owners *Coppack Brothers & Co.*

Managers

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

Residence *Cannah's Quay.*

Port belonging to *Charter*

TONNAGE under
Tonnage Deck... *222.56*
Do. of Poop...
Do. of Raised Qr. *34.50*
Do. of Bridge House... *13.41*
Do. of Forecastle... *15.56*
Do. of Houses on Deck... *.96*
Do. of excess of Hatchways... *12.58*
Do. above Crown of
Engine Room... *299.57*
Gross Tonnage...
Less Crew Space... *35.34*
Less above Crown of
Engine Room...
TONNAGE FOR FEES... *264.23*
Less Engine Room... *134.57*
Less Navigation Spaces... *19.55*
Register Tonnage
as cut on Beam... *110.11*

Half Breadth (moulded) *11.50*
Depth from upper part of Keel to top of Main Deck Bms.
(with the normal round up of beam) *10.96*
Girth of Half Midship Frame (as per Rule) *20.50*
1st Number *42.96*
Length on deck from after part of stem to fore part of
stern post *134.00*
2nd Number *57.56*
Proportions—Breadths to Length *5.82*
Depths to Length—Main Deck to top of Keel *12.23*
Destined Voyage *Yarmouth* If Surveyed while Building, Afloat, or in Dry Dock *Yes.*

LENGTH on Deck as Feet. Inches. BREADTH—Feet. Inches. DEPTH, ACTUAL—Feet. Inches. No. of Decks with Flat laid *One*
per Rule *134* *0* Moulded *23* *0* Top of Floors to top of Main Deck Beams *9* *8* No. of Tiers of Beams *One*
Dimensions of Ship per Register, Length, *135-0* breadth, *23-15* depth, *9-3* Moulded Depth, *10* ft. *6* ins. Round of Beam, Actual *6* ins.

FRAMING.						FORGINGS AND CASTINGS.					
	Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Appro.	Inches in Ship.	16ths or 20ths per Rule Or as Appro.		Inches in Ship.	Inches in Ship.	16ths or 20ths per Rule Or as Appro.	Inches in Ship.	16ths or 20ths per Rule Or as Appro.
FRAME, Angles, <i>E or L</i> Bars, for $\frac{1}{2}$ length amidships <i>4</i> <i>2 1/2</i> <i>7</i> <i>4</i> <i>2 1/2</i> <i>7</i>						KEEL, Bar or Side Plates depth and thickness <i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>				
Do. for $\frac{1}{2}$ at each end <i>✓</i>						STEM, moulding and thickness (Rule plate) <i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>				
Do. in way of Double Bottoms at Solid Floors... <i>✓</i>						STERN-POST for Rudder do. do. <i>6 x 3</i>	<i>6 x 3</i>				
" " " at intermdt. Bkts. <i>✓</i>						" " for Propeller <i>5 1/2</i>	<i>5 1/2</i>				
Spacing of Frames from centre to centre <i>21</i>						MAIN PIECE of Rudder, diameter at head.... <i>3 3/4</i>	<i>3 3/4</i>				
REVERSED FRAME, Angles <i>2 1/2</i> <i>2 1/2</i> <i>5</i> <i>2 1/2</i> <i>2 1/2</i> <i>5</i>						do. at heel <i>3</i>	<i>3</i>				
DEEP FRAMING, depth of girder <i>4</i>						RUDDER, how constructed <i>Forged iron frame, single plate 1 1/2"</i>					
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>						Can the Rudder be unshipped afloat? <i>Yes</i>					
" in way of Engines and Boilers <i>7.13</i> <i>8</i> <i>7.8</i>											
" thickness at the ends of vessel <i>11</i>											
" depth at $\frac{1}{2}$ the half breadth, as per Rule .. <i>32</i>											
" height extended at the Bilges <i>32</i>											
FLOORS & BRACKETS, in Cell Dble Bottoms											
" " state if flanged (top & bottom) <i>✓</i>											
" " Spacing <i>✓</i>											
CENTRE GIRDER, in Double Bottom, depth and thickness <i>✓</i>											
" " Angles, Top <i>✓</i>											
" " " Bottom <i>✓</i>											
SIDE GIRDERS, number on each side & thickness											
" " state if flanged (top & bottom) <i>✓</i>											
" " Angles <i>✓</i>											
MARGIN PLATE, depth (exclusive of flange) and thickness <i>✓</i>											
" " Angles to Outside Plating <i>✓</i>											
" " Floors <i>✓</i>											
" " Height of Floors at the Bilges <i>✓</i>											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake											
" " thickness in Engine and Boiler space <i>✓</i>											
" " Remainder in Holds <i>✓</i>											
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>4 1/2</i>	<i>3</i>	<i>6</i>	<i>4 1/2</i>	<i>3</i>						
" " Angles on Upper Edge .. R.Q.Dk. <i>4</i> <i>3</i> <i>6</i> <i>4</i> <i>3</i> <i>6</i>											
" " Spacing <i>21</i>											
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>✓</i>										
" " Angles on Upper Edge <i>✓</i>											
" " Spacing <i>✓</i>											
BEAMS, Hold, Plate or Tee Bulb	<i>✓</i>										
" " Angles on Upper Edge <i>✓</i>											
" " Spacing <i>✓</i>											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>✓</i>										
" " Angles on Upper Edge <i>✓</i>											
" " Spacing <i>✓</i>											
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>4 1/2</i>	<i>3</i>	<i>6</i>	<i>4 1/2</i>	<i>3</i>						
" " Angles on Upper Edge <i>✓</i>											
" " Spacing <i>42</i>											
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	<i>4</i>	<i>3</i>	<i>6</i>	<i>4</i>	<i>3</i>						
" " Angles on Upper Edge <i>✓</i>											
" " Spacing <i>21</i>											
PILLARS, In 'tween Decks, Size and Spacing											
" " Hold <i>3 1/2</i> <i>2 1/2</i> <i>As arranged</i>											
" " Quarter, 'tween Dks., " " <i>✓</i>											
" " in Hold <i>5"</i> <i>As plan</i>											
WEB FRAMES, In Fore Body, No. and Spacing	<i>11</i>	<i>8</i>	<i>11</i>	<i>8</i>							
" " " Brdth. & Thickness <i>30</i> <i>As plan</i>											
WEB FRAMES, In E. & B. Space, No. & Spacing	<i>2</i>	<i>8-9</i>	<i>2</i>	<i>8-9</i>							
" " " Brdth. & Thickness <i>12</i> <i>6</i> <i>12</i> <i>6</i>											
WEB FRAMES, In After Body, No. and Spacing											
" " " Brdth. & Thickness <i>✓</i>											
" " No. of Side Stringers <i>✓</i>											
" " Size of Angles or Tee Bars to Web Frames <i>4</i> <i>3</i> <i>7</i> <i>4</i> <i>3</i> <i>7</i>											
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness <i>✓</i>											

PLATING.

STRAKES.	AS IN SHIP.			PER RULE OR AS APPROVED.		Lower Edges, Ordinary or Joggled?		RIVETING.		BUTTS.		IF LAPPED.	
	AMIDSHIP.	FORWARD.	AFT.	AMIDSHIP.	FORWARD.	AMIDSHIP.	FORWARD.	AMIDSHIP.	FORWARD.	AMIDSHIP.	FORWARD.	AMIDSHIP.	FORWARD.
	Breadth.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL (If Bar Keel, state Riveting)	32	9	9	32	9	Double	4 1/2	3	Double	2 1/2	2 1/2	9 1/2	10
GARBOARD OF A Strake													
State actual thickness in way of Double Bottom.	B	7	7	7	7	Double	4 1/2	3	Double	2 1/2	2 1/2	9 1/2	10
	C	8	8	8	8								
	D	7	5	5	7								
	E	7	6	6	7								
	F	6	5	5	6	Single	2 1/2						
	G	31	10	7	31	Double	4 1/2					9 1/2	11
	H												
	J												
	K												
	L												
	M												
	N												
	O												
	P												
DOUBLING OF Flat Plate Keel													
Length of Bilges													
of Sheerstrakes	R. Q. D.												
of Strake below	R. Q. D.												
POOP SIDES													
RAISED QUARTER DECK SIDES													
BRIDGE SIDES													
FORECASTLE SIDES													
LENGTHS OF PLATING	4 ft. 8 in. 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, Consett, Gillingham, Plam, Dalgell.

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

FRAMES extend in one length from Keel to gunwale.

REVERSED FRAMES on floors and frames extend from centre to bilge stringer. (Bull Angle frames)

MASTS, SPARS, &c.

LOWER MASTS.	Material.	Total length.	DIAMETER AND THICKNESS.		No. of Plates in round.	ANGLES.	RIVETING.
			Heel.	Hounds.			
Fore	P. Pine	50-0	14				
Main							
Mizen		34-0	7				

Bowsprit *Yes*

Topmasts, Yards and Remainder of Spars *P. Pine*

Rigging, Material and Size, Shrouds *Woolen 2 1/2*

Sails. *One* Suit of Sails and the following spare sails *Stays Sail wire 2 1/4, 2 1/4*

Equipment No. *6354* Letter *e*

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.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
5331	1st Bower	9	1	6	10	7	2	0	9	1	0	Yellow	
5332	2nd "	8	0	16	10	5	0	0	8	0	0	"	
	3rd "											"	
	Collective weight	16	1	22					16	1	0	"	
5176	Stream	2	2	18	2	20	5	2	2	0	2	3	0
	Kedge	1	0	0					1	0	0	"	

Per Certificate letter dated 19-5-09.

CHAIN CABLES.

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.
			Supplied.	Per Table 22.				
5990	165 15/16	15 3/16	75	3	14	165 15/16	Old Mountford L.P.H.C.H. 7-4-09	TOWLINE Steel 15 2 1/2 12 1/2 7 5 2 1/2
	45 2 1/4	9 1/2	45	2 1/4	45 2 1/4	45 2 1/4	Philips & Co. A.H. Young	HAWERS & WARPS 90 2 7 90 2

Iron Stream Chain 45 2 1/4

HAWERS AND WARPS.

Number of Certificate.	Length and size supplied.	Test per Certificate.	Length & Size per Table 22.	Description.	Makers of Cables.	Where and when tested and Superintendent.

Boats *2 Siphons*

Pumps, Number *Three*

Windlass is by *Clash Chapman & Co.*

Engine Room Skylights—How constructed? *Of Teak*

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

Coal Bunker Openings—How constructed? *Plates and angles.* How are lids secured? *Hinged steel covers.* Height above deck? *6-6.*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side, *6 scuppers, 3 Ports 24 x 18, 1 Port 30 x 18, and*

Ceiling in Holds, thickness and material *2 1/2" Pine*

Cargo Hatchways—How formed? *Plates and angles*

State size No. 1 Hatch (Forward) *14-0 x 9-11.* No. 2 Hatch *22-9 x 14-0.* No. 3 Hatch *✓* No. 4 Hatch *✓*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *No. 1 Hatch, 1 web plate, 1 fore & after, No. 2 Hatch, 2 web plates and 3 fore and afters.*

Bulwarks, height above deck and description *4-0 x 7-5.*

The above is a correct description.

Builder's Signature *Cochran & 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) *20-1-09, 22-1-09 (Jubal)*

5-2-09, 5-5-09 (Jubal), 18-5-09 (M) *8-2-09 (E.)*

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)? *Yes*

State results of tests *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *Yes*

State results of tests *Satisfactory*

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 *✓* ft., R.Q.D. or Break *47.66* ft., Bridge Dk. *10-5* ft., F'castle *22-5* 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 *R.Q.D. and Bridge joined.*

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)*

State if Machinery is fitted aft *Yes.*

Official No. *124624*; Signal Letters *✓*

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, 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 of double bottom *✓* (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 *Yes*

Order for Special Survey No. *1783*

Date *5/3/09*

No. *452* in builder's yard

DATE of Survey held while building *1909: Feb. 12, 22, 23, Mar. 1, 11, 16, 22, 26, Apr. 1, 6, 20, 22, 27, May 3, 7, 19, 21, May 26.*

The amount of Entry Fee *2 : 0 : 0* Fees applied for, *14-6-1909.*

Special *13 : 4 : 0* Received by me, *16/6/09*

Travelling Expenses, if any *1 : 6 : 10*

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

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

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

Committee's Minute *FRI. 18 JUN. 1909*

Character assigned *100 A1*

W. J.

Lloyds 1906 P. + Ltr. 5.09.

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