

1 or 2 Decks. ~~IRON OR STEEL~~ STEAMER.

Received at London **29 OCT 1890**

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

Date of completion of Report **18th October** Port of **Hull**

No. **7516** Survey held at **Hull** Date, First Survey **Aug. 13th** Last Survey **Oct 17th 1890**

In the

Age under	137.06
of Poop	
of Raised Or.	4.20
of Break..	
of Bridge House	
of Houses on Deck	
of excess of Hatchways	
of Forecastle	
above Crown of	6.67
Engine Room ..	
ess Tonnage	147.93
Crew Space	18.96
above Crown of	
Engine Room ..	
AGE FOR FEES ..	
Engine Room	75.51
Navigation Spaces	
Register Tonnage	53.46
cut on Beam ..	

ONE ~~TWO~~ DECKED VESSEL.

CLASS **100 H.1**

FEET.

Half Breadth (moulded)	10.25
Depth from upper part of Keel to top of Main Deck Bms.	12.10
Girth of Half Midship Frame (as per Rule)	18.00
1st Number	40.35
Length	98.75
2nd Number	3984
Proportions Breadths to Length	4.8
Depths to Length—Main Deck to top of Keel	8.1
Destined Voyage	

Rig **Masted**

Master **J. Corbally**

Year of appointment (1) As master in service of owner of present vessel:—18
(2) As master of this vessel:—15

Built at **Hull**

When built **1890** Launched **20/9/90**

By whom built **Charles & Co. (Linn)**

Owners **A. Blades & H. Rippon**

Managers

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

Residence

Port belonging to **Hull**

Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
as per Rule	98	75	Moulded	20	5	Top of Floors to Main Deck Beams.	10	9	Engines	50	No. of Tiers of Beams

Dimensions of Ship per Register, Length, **101.0** breadth, **20.6** depth, **10.7**.

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
EL, Bar or Side Plates depth and thickness	7 1/2 x 1 1/8	7 1/2 x 1 1/8
EM, moulding and thickness	7 1/2 x 1 1/8	7 1/2 x 1 1/8
ERN-POST for Rudder do. do.	7 1/2 x 2 1/4	7 1/2 x 2 1/4
for Propeller	7 1/2 x 2 1/4	7 1/2 x 2 1/4
AIN PIECE of Rudder, diameter at head	3 1/2	3 1/2
do. at heel	2 1/4	2 1/4
DDER, how constructed	Angled plates	
the Rudder be unshipped afloat?	Yes	

FRAMING.

	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule per Rule per Rule	Inches per Rule per Rule per Rule	16ths in Ship.
AME, Angles, on 7 Beams, for 1/2 length amidships	3	2 1/2	6	3	2 1/2	5
Do. for 1/2 at each end	3	2 1/2	6	3	2 1/2	5
Do. in way of Double Bottoms						
Distance of Frames from moulding edge to moulding edge, all fore and aft	21			21		
VERSED FRAME, Angles	2 1/2	2 1/2	4	2 1/2	2 1/2	4
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	16	x	5	16	x	5
in way of Engines and Boilers			6			6
thickness at the ends of vessel			5			5
depth at 1/2 the half breadth, as per Rule						
height extended at the Bilges						
DOORS & BRACKETS, in Cell Dble Bottoms						
Distance apart						
ENTRE GIRDER, in Double Bottom, depth and thickness	16	x	6	16	x	6
Angles, Top	3	3	6	3	3	6
Bottom						
IDE GIRDERS, number and thickness	1		5	1		5
Angles	2 1/2	2 1/2	4	2 1/2	2 1/2	4
MARGIN PLATE, depth (exclusive of flange) and thickness						
Angles						
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake			5			5
thickness in Engine and Boiler space						
Remainder in Holds						
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5 1/2	3	9	5 1/2	3	7
Angles on Upper Edge						
Average space	42			42		
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
AMS, Hold, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
AMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average Space						
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
ALARS, in 'tween Decks, Size and Spacing						
Hold	2 1/2	42		2 1/2	42	
EB FRAMES, in Fore Body, No. and Spacing						
Brdth & Thickness						
No. of Side Stringers						
EB FRAMES, in After Body, No. and Spacing						
Brdth & Thickness						
No. of Side Stringers						
Size of Angles or Tee Bars to Web Frames						
RACKET PLATES to Stringers between Web Frames, Depth and Thickness						

Moulded Depth, ft. **11 ins. 7** Round of Beam **6** inches.

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	16ths in Ship.	Inches per Rule per Rule per Rule	Inches per Rule per Rule per Rule	16ths in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	9	x	9	9	x	9
Rider Plate						
Bulb Plate to Intercoastal Keelson						
Horizontal Plates on Floors						
Angles	4	4	8	4	4	8
SIDE KEELSON, Angles						
Bulb or Plate above floors for lng						
Intercoastal Plate for length						
Attached to outside plating with Angle						
BILGE KEELSON, Angles	5	3	9	5	3	8
Bulb or Plate above floors for len.						
Intercoastal Plate for length						
Attached to outside plating with Angle						
BILGE STRINGER Angles	5	3	8	5	3	8
Bulb Plate for length						
Intercoastal Plate for length						
Attached to outside plating with Angle						
SIDE STRINGER Angles						
Bulb or Intercoastal Plate for lng.						
Main and Raised Quarter Deck Stringer Plate, on ends of Beams, breadth & thknss	24	6		20	6	
Angle on ditto	3 x 3 x 6			3 x 3 x 6		
Tie Plates fore & aft, outside Hatchways	8	6		8	6	
Diagonal Tie Plates on Bms., No. of Pairs						
Flat of Dk* Iron or Steel for lng.						
Wood Pine Material & thickness	3			3		
How fastened to Beams						
Lower Deck Stringer Plate, on ends of Beams, breadth and thickness						
Angles on ditto, No.						
Tie Plates, outside Hatchways						
Flat of Deck* Material and thickness						
How fastened to Beams						
Hold Stringer Plate, on ends of Beams						
Angles on ditto, No.						
Poop Deck Stringer Plate, breadth & thickness						
Angle on ditto						
Tie Plates						
Flat of Deck, Material and thickness						
Bridge Deck Stringer Plate, brdth & thickness						
Angle on ditto						
Tie Plates						
Flat of Deck, Material and thickness						
Forecastle Deck Stringer Plate, brdth & thknss						
Angle on ditto						
Tie Plates						
Flat of Deck, Material and thickness						

PLATING.

	Inches in Ship.	16ths in Ship.	Inches per Rule per Rule per Rule	16ths in Ship.
FLAT PLATE KEEL, breadth and thickness				
d'bling or incr'sd thknss, & lngth appl.				
PLATES in Garboard Strakes, brd'th & thickness	30	8		30
From Garboard to lower part of Bilges		6 x 7		6 x 5
State Thickness of Plating in way of Double Bottom.				
Bilges, number of Strakes and thickness				
Of doubling at Bilge, or increased thickness, and length applied		7 x 6		6 x 5
from up. part of Bilge to lr. edge of Sh'rstrake				
Sheerstrake, breadth and thickness	36	8 x 7		30
Of d'bling at Sh'stk. & lng. applied				
Poop Sides				
Raised Quarter Deck Sides				
Bridge Sides				
Forecastle Sides				
Lengths of Plating				

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

State clearly where plating is of alternate thicknesses—listing tabular from diminished thickness at end of vessel.

HULL 03-0107

BULKHEADS.		No. in Vessel	No. Reqd. by Rule	
Thickness.	Angles.	Spacing.	Height up.	Sngl. or Dbl. Frames.
W. T. BULKHEADS	4 1/2	Vrtcl. 2 x 2 1/2 x 30	all to upper deck	double frames
PARTITION...	4 1/2	Hzntl. 2 1/2 x 2 1/2 x 48		
LONGITUDINAL	4 1/2	Vrtcl.		

Ceiling betwixt Decks, thickness and material *do. do. do.*
 in hold *do. do. do.*
 Number of Breasthooks *3*
 Crutches *2*

The FRAMES extend in one length from *Hull* to *gunwale* Riveted through Plates with *3/4* in. Rivets, about *6* apart
 The REVERSED ANGLE on floors and frames extend from *Bilge and to main deck alternately*

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.
 Carboard, double riveted to Bar Keel or Flat Plate Keel, with rivets *1* in. diameter, averaging *5* ins. from centre to centre.
 Edges of Carboards and to upper part of Bilge, worked clencher, double riveted; with rivets *3/4* in. diameter, averaging *3 1/2* ins. from centre to centre.
 Butts from Keel to turn of Bilge, worked carvel, *double* riveted; with rivets *3/4* in. dia., averaging *3* ins. from cr. to cr.
 Butts of *all* Strakes *double* riveted with Butt Straps *1/16* thicker than the plates they connect.
 Edges from Bilge to Sheerstrake, worked clencher, double *single* riveted; with rivets *3/4* in. diameter, averaging *3 1/2* ins. from centre to centre.
 Butts from Bilge to Sheerstrake, worked carvel, *double* riveted; with rivets *3/4* in. dia., averaging *3* ins. from cr. to cr.
 Edges of Sheerstrake, double *single* riveted. Butts of Sheerstrake, *double* riveted for *whole* length amidships.
 Butts of Main Stringer Plate, *double* riveted for *whole* length amidships. Single or Double Butt Straps to Stringer Plate for *whole* length.
 Butts of Inner Bottom Plating *double* riveted for *whole* length.
 Breadth of edge laps of Shell Plating in double riveting *4 1/2*" Breadth of edge laps of Shell Plating in single riveting *4 1/2*"
 Butt Straps of Shell Plating breadth and thickness *9 3/4*" *4 1/2* to *9 1/2*" Butts, if Lapped, breadth of laps *4 1/2*"
 Butt Straps of Keelsons, Stringer and Tie Plates, *double* or *single* riveted? *as per rule*
 Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? *The Stockton Malleable Iron Co. and the Moor Street Iron Co.*

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*

MATERIAL.	Total Length	DIAMETER AND TIGHTNESS.			No. of Plates in round.	ANGLES.		RIVETING.	
		At Partners.	Heel.	Hoards.		Number.	Size.	Seams.	Butts.
Fore	Wood 46ft	14							
LOWER MASTS...									
Main									
Mizen	Steel 34ft 9"	12"	12"	9 1/2"	2		Single	Double	

EQUIPMENT	WEIGHT, EX. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		WEIGHT REQ. BY RULE.		Description of Anchor.	Makers.	Where and when tested and Superintendent.						
	No.	Letter	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.				lbs.					
1st Bower	28412		4	2	2	1	0	14	7	0	0	0	4	2	0	Rodgers not given	L.P.H.N. 1/9/90
2nd "	28408		3	3	24	1	0	2	6	7	2	0	4	0	0	18"	L.P.H.N. 1/9/90
3rd "																	
Collective weight			8	1	26								8	2	0		
Stream	28410		2	2	20	0	2	20	5	5	0	0	2	2	0	18"	L.P.H.N. 1/9/90
Kedge																	
2nd Kedge																	

CHAIN CABLES.				HAWSERS AND WARPS.								
Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tens.	Weight of Chain Cable.	Fathoms & Size. Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size. Per Rule.
11351	75	1 3/4	10 1/2	21	75	1 3/4	below not given	L.P.H.N. 22/8/90	TOWLINE* 60 5 1/2 60-5 1/2	60	3 1/2	60-3 1/2
								G.A. Scott				

Boats *one*
 Pumps, Number *2* Diameter of Barrel and Tail Pipe *Barrel 4 1/2 ins Tail pipe 2 1/2 ins*
 The Windlass is *Iron Patent* Capstan
 Engine Room Skylights—How constructed? *Engine room skylight with framing*
 What arrangements for deadlights in bad weather? *India cloth shutters with glass bullseyes*
 Coal Bunker Openings—How constructed? *cast iron* How are lids secured? *straps* Height above deck? *flush*
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. *Scuppers on each side* *Three ports 18" x 9" and seven*
 Cargo Hatchways—How formed? *Iron Coamings* Hatches, if strong and efficient? *2 1/2 ins*
 State size No. 1 Hatch (Forward) *3.6 x 4.0* No. 2 Hatch *2.0 x 3.0* No. 3 Hatch *✓* No. 4 Hatch *✓*
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *✓*

Bulwarks, height above deck and description *Iron 2" 5 high* Main Rail, material and size *Bulk angle 6 1/2 x 3 x 7 1/2*
 The above is a correct description
 Builder's Signature, (here only) *J. H. Pearson* ASST. GENERAL MANAGER
 Surveyor's Signature, *A. Williamson* Surveyor to Lloyd's Register of British and Foreign Shipping.

Order for Special Survey No. *480* Date *18/6/90*
 Order for Ordinary Survey No. *342* in builder's yard Date *18/6/90*
 Dares 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; *Built under S. S. sun during construction*
 2nd. On the plating during the process of riveting *1890 - Aug. 13, 14, 16, 27, 29, Sept. 10, 12, 15, 22, 24*
 3rd. When the beams were in and fastened; and before the decks were laid *Oct. 4, 8, 10, 16, 17*
 4th. When the ship was complete, and before the plating was finally coated or cemented...
 5th. After the ship was launched and equipped.
 Total No. of Visits *16*

State dates and initials of letters respecting this case *12/6/90, 19/6/90*
 General Remarks (State quality of workmanship, &c.) *This one decked vessel for fishing purposes has been built in accordance with the approved sketch of midship section and in other respects in conformity with the Rules and the Secretary's letter dated 12/6/90. The ballast tank has been tested by water pressure as required and found tight. The workmanship throughout is good.*

The approved tracing forwarded to London on the 24/10/90

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *✓* ft., R.Q.D. or Break *20* 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) *18K Wood*
 Official No. *98704*; Signal Letters *---*

PARTICULARS OF WATER BALLAST.—Double bottom, aft, length *✓* and water capacity in tons *✓*. Double bottom, forward length *19" 3* and water capacity in tons *15*
 Double bottom, under engines and boilers, length *✓* and water capacity in tons *✓*. If under Engines only, or Boilers only, state which *✓*
 Double bottom, constructed on the cellular system, length *✓* and water capacity in tons *✓*
 Fore peak tank, water capacity in tons *✓*. After peak tank, water capacity in tons *✓*
 Midship deep tank, length *✓* and water capacity in tons *✓*. Other tanks, if fitted, length *✓* and water capacity in tons *✓*
 The above *ballast tank* has been tested as required by the Rules. (If necessary, furnish further information by sketch.)
 How are the surfaces preserved from oxidation? Inside *Portland cement & paint* Outside *paint*

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated *✓* In Summer *✓* ft. *ins.*
 In Winter *✓* ft. *ins.* To top of Wood, Iron or Steel Upper Deck.
 For Winter in North Atlantic *✓* ft. *ins.*
 State if marked on Vessel's sides in accordance with Notice No. 572 *✓* Fresh Water above the centre of disc *✓* ins.

The amount of Entry Fee... £ *1* - - - is received by me, *9901*
 Special ... £ *8* - *8* - *3/14* 18*90* *4* *Certificate to be sent to *The Surveyor, Hull*
 Certificate* £ - - -
 Travelling Expenses, if any £ - - -
 I am of opinion this Vessel should be Classed **100A1 Steam Trawler* *A. Williamson*
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute *FRI 31 OCT 1890*
 Character assigned *100A1 Steam Trawler* It is submitted that this vessel appears eligible for classed *100A1 Steam Trawler* as recommended.
L.A.C.P. *18K.*
A. Williamson
 W.B. (particulars above) *29/10/90*

