

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

Received at London Office SAT 10 JUN 1893

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

Date of completion of Report

Port of

No. 8648

Survey held at

Date, First Survey

Last Survey

18 93

On the

Swallow

Rig

TONNAGE under

Tonnage Deck

Do. of Poop

Do. of Raised Qr.

Do. of Bridge House

Do. of Houses on Deck

Do. of excess of Hatchways

Do. of Forecastle

Do. above Crown of

Gross Tonnage

Less Crew Space

Less above Crown of

Tonnage for Fees

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS 100A-1 "Steam Trawler"

Master

Year of appointment

(1) As master in service of
(2) As master of this
vessel

Built at

When built

Launched

By whom built

Owners

Managers

Residence

Port belonging to

Half Breadth (moulded)

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

Girth of Half Midship Frame (as per Rule)

1st Number

Length

2nd Number

Proportions—Breadths to Length

Depths to Length—Main Deck to top of Keel

Destined Voyage

Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	Feet. Inches.	BREADTH— Moulded	Feet. Inches.	DEPTH— Top of Floors to Main Deck Beams.	Feet. Inches.	Power of Engines	Horse.	No. of Decks with Flat laid No. of Tiers of Beams
92.5		20.0		11.0		45		one

Dimensions of Ship per Register, Length, 94.0 breadth, 20.1 depth, 11.0.

Moulded Depth, ft. 11 ins. 9

Round of Beam 6 inches.

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar or Side Plates depth and thickness	7 1/2 x 1 1/8	7 1/2 x 1 1/8
STEM, moulding and thickness	7 1/2 x 1 1/8	7 1/2 x 1 1/8
STERN-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
MAIN PIECE of Rudder, diameter at head.	3 1/4	3 1/4
do. at heel	2 1/4	2 1/4

RUDDER, how constructed

Can the Rudder be unshipped afloat?

FRAMING.

	Inches in Ship.	Inches per Rule. Or as Approved.
FRAME, Angles, or Bars, for length amidships	3 2 1/2 6	3 2 1/2 6
Do. for 1/2 at each end	3 2 1/2 6	3 2 1/2 6
Do. in way of Double Bottoms		
Distance of Frames from moulding edge to moulding edge, all fore and aft	21	21

REVERSED FRAME, Angles

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engines and Boilers

thickness at the ends of vessel

depth at 1/2 the half breadth, as per Rule

height extended at the Bilges

FLOORS & BRACKETS, in Cell Dble 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

Angles on Upper Edge

Average space

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, Bridge Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

PILLARS, In 'tween Decks, Size and Spacing

Hold

WEB FRAMES, In Fore Body, No. and Spacing

Brdth. & Thickness

No. of Side Stringers

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

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

Rider Plate

Bulb Plate to Intercoastal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for lng

Intercoastal Plate for length

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for len

Intercoastal Plate for length

Attached to outside plating with Angle

BILGE STRINGER Angles

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 & thkns

Angle on ditto

Tie Plates fore & aft, outside Hatchways

Diagonal Tie Plates on Bms., No. of Pairs

Flat of Dk* Iron or Steel for lng

Wood Pine Material & thickness

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 & thkns

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

d'bling or incr'd thkns, & lngth appl.

PLATES in Garboard Strakes, brd'th & thickness

From Garboard to lower part of Bilges

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

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'stk. & lng. applied

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating

9420-70771014

BULKHEADS. No. in Vessel 3 No. Reqd. by Rule 3

Ceiling betwixt Decks, thickness and material ✓
 " in hold do. do. 2 W.T. BULKHEADS 4/16 Vrt. 3 1/2 x 2 1/2 Hrs. 20 Main deck double
 Number of Breasthooks 3 PARTITION... ✓
 " Crutches 2 LONGITUDINAL ✓ Vrt. ✓

Are the outside Plates doubled two spaces of Frames in length? Yes
 The **FRAMES** extend in one length from Heel to Gunnwale Riveted through Plates with 3/4 in. Rivets, about 5 1/4 apart
 The **REVERSED ANGLE** on floors and frames extend from Heel to Bilge

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.
 Garboard, double riveted to Bar Keel ✓ Flat Plate Keel, with rivets 1 in. diameter, averaging 5 ins. from centre to centre.
 Edges of Garboards and to upper part of Bilge, worked clench, double riveted; with rivets 3/4 in. diameter, averaging 3 ins. from centre to centre.
 Butts from Keel to turn of Bilge, worked carvel, double riveted; with rivets 3/4 in. dia., averaging 2 1/2 ins. from cr. to cr.
 " " " overlapped for ✓ length, treble riveted for ✓ length; with rivets 3/4 in. dia., averaging 2 1/2 ins. from cr. to cr.
 Butts of "all" Strakes at Bilge for ✓ whole length, double riveted with Butt Straps 1 1/2 thicker than the plates they connect.
 Edges from Bilge to Sheerstrake, worked clench, double single riveted; with rivets 3/4 in. diameter, averaging 3 ins. from centre to centre.
 Butts from Bilge to Sheerstrake, worked carvel, double riveted; with rivets 3/4 in. dia., averaging 2 1/2 ins. from cr. to cr.
 " " " overlapped for ✓ length, treble riveted for ✓ length; with rivets 3/4 in. dia., averaging 2 1/2 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. Butts of Centre Girder ✓ riveted.
 Butts of Inner Bottom Plating ✓ riveted for ✓ length. Butts of Double Butt Straps to Stringer Plate for ✓ length.
 Breadth of edge laps of Shell Plating in double riveting 4 1/2 Breadth of edge laps of Shell Plating in single riveting ✓
 Butt Straps of Shell Plating breadth and thickness 9/16 — 8/16 to 9/16 Butts, if Lapped, breadth of laps ✓
 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.? Steel from the West Portland Steel Works, tested and marked thus R
Iron from the Iron Works of John G. & Hull Forge Co.
 Workmanship. Are the butts of plating planed or otherwise fitted? Planed
 Is the riveted work properly closed? Yes Do the holes for riveting plate to frames, butt straps, or plate
 Are the liners between the frames and plates solid single pieces? Yes Are the rivet holes well and sufficiently countersunk in the plate and punched
 to plate, &c., conform well to each other? Yes Do any rivets break into or through the seams or butts of the plating? As per rule
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

MASTS, SPARS, &c.

	Material	Total Length	DIAMETER AND THICKNESS			No. of Plates in round	ANGLES		RIVETING	
			At Partners	Heel	Hounds		Head	Number	Size	Seams
Fore	Wood	42 ft	14	✓	✓	✓	✓	✓	✓	✓
Main	Steel	32 ft	12	✓	✓	2	✓	✓	✓	✓
Mizen	Steel	32 ft	12	✓	✓	2	✓	✓	✓	✓

Bowsprit ✓
 Topmasts, Vangs and Remainder of Spars Wood
 Rigging, Material and Size, Shrouds Wire 3/4 x 2 1/2 Stays Wire 4 1/2 x 2 1/2
 Sails. good Suit of fine full sail Sails, and the following spare sails ✓

EQUIPMENT NO. 120 LETTER ✓ **ANCHORS.**

Number of Certificate	Weight, Ex. Stock	Weight of Stock	TEST, PER CERTIFICATE		Weight Req. by Rule	Description of Anchor	Makers	Where and when tested and Superintendent
			Cwts.	qrs.				
33583 1st Bower	5	1 1/2	1	0	7 1/4	0 7	4 1 0	Oramany Wood L.P.H.N. 19/4/93
33582 2nd "	4	3 1/2	1	1	7	2 0	4 0 0	" " L.P.H.N. 19/4/93
3rd "	10	0 24					8 1 0	" " L.P.H.N. 19/4/93
Collective weight	2	1 3 0	3	1	4	17 2 0	2 2 0	" " L.P.H.N. 19/4/93

CHAIN CABLES.

Number of Certificate	Fathoms	Size	Test per Certificate	Weight of Chain Cable	Fathoms & Size	Description	Makers of Cables	Where and when tested, and Superintendent	Material	Fathoms	Size	Fathoms & Size
23704	60	4	7 1/2	13 1/2	24	1 1/2	60	7 1/2	Steel	60	4	60

HAWSERS AND WARPS.

Number of Certificate	Fathoms	Size	Test per Certificate	Weight of Chain Cable	Fathoms & Size	Description	Makers of Cables	Where and when tested, and Superintendent	Material	Fathoms	Size	Fathoms & Size
23704	60	4	7 1/2	13 1/2	24	1 1/2	60	7 1/2	Steel	60	4	60

Boats one Diameter of Barrel and Tail Pipe Barrel 6" x 4" Tail pipe 3" x 2"
 Pumps, Number three Capstan ✓
 The Windlass is Iron Patent
 Engine Room Skylights.—How constructed? Slack Framing
 What arrangements for deadlights in bad weather? Solid brass shutters with glass bullseyes in same
 Coal Bunker Openings.—How constructed? Cast iron How are lids secured? Stays Height above deck? flush
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. Three ports 24" x 11" and six scuppers on each side
 Cargo Hatchways.—How formed? Iron framing Hatches, if strong and efficient? 2 1/2
 State size No. 1 Hatch (Forward) 20 6 x 3 1/2 No. 2 Hatch 27 4 x 4 0 No. 3 Hatch ✓ No. 4 Hatch ✓
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch ✓

EARLE'S
 Bulwarks height above gun deck Iron 20 6 high Main Rail, material and size Chin 7 1/2 x 3 1/2
 The above is a correct description
 Builder's Signature R. Williamson Surveyor's Signature R. Williamson
 GENERAL MANAGER & DIRECTOR R. Williamson Surveyor to Lloyd's Register of British and Foreign Shipping.

Order for Special Survey No. 605 Date 7/2/93
 Order for Ordinary Survey No. ✓ Date ✓
 No. 371 in builder's yard

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
 2nd. On the plating during the process of riveting
 3rd. When the beams were in and fastened, and before the decks were laid
 4th. When the ship was complete, and before the plating was finally coated or cemented
 5th. After the ship was launched and equipped

State dates and initials of letters respecting this case 10/2/93 M.
 General Remarks (State quality of workmanship, &c.) This one decked vessel for fishing purposes has been built in accordance with the approved plans and in other respects in conformity with the rules and the Secretary's letter dated 10/2/93. The workmanship throughout is good. The deck pumps and shine valves are in good working condition. The stream anchor is 25 lbs lighter than the rules, but in view of the other anchors being used in excess of the rules, the same is respectfully submitted to the Committee for their favourable consideration. The approved plans forwarded to London 5/6/93

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) 10K
 Official No. ✓; Signal Letters ✓

PARTICULARS OF WATER BALLAST.
 Double bottom, aft, length ✓ and water capacity in tons ✓ Double bottom, forward, length ✓ and water capacity in tons ✓
 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 have ✓ 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. To top of Wood, Iron or Steel Upper Deck.
 In Winter ✓ ft. ✓ ins.
 For Winter in North Atlantic ✓ ft. ✓ ins.
 Fresh Water above the centre of disc ✓ ft. ✓ ins.

The amount of Entry Fee £ 1 - - - is received by me, ✓
 Special £ 8 - 8 - 25 1893 ✓
 Certificate £ - - -
 Travelling Expenses, if any £ - - -
 I am of opinion this Vessel should be Classed 100A-1 "Steam Trawler"
 "Steel plating & iron framing"
 Committee's Minute TUES. 13 JUN 1893
 Character assigned 100A-1 (Steel & Iron) Steam Trawler
2 arc + 2 arc 93/34
10K
Iron framing & steel plating
 Hull Certificate Written.

Lloyd's Register Foundation