

1 ~~or~~ 2 Decks.

IRON OR STEEL STEAMER.

BOX CASE

Received at London Office

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

Date of completion of Report 22nd July 1893 Port of Hull

No. 8713 Survey held at Hull Date, First Survey May 11th Last Survey July 21st 1893

On the Iron Screw Steamer "Edith"

Rig Pole Mast

TONNAGE under Deck 33.02

ONE DECKED VESSEL.

Master

CLASS A-1 "For trading purposes"

Year of appointment

(1) As master in service of owner of present vessel: 18
(2) As master of this vessel: 18

No. of Poop

No. of Raised Or.

No. of Break

Bridge House

Houses on Deck

Forecastle

Crown of

Engine Room

TONNAGE

Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEELS

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

Half Breadth (moulded) 7.0

Depth from upper part of Keel to top of Main Deck Bms. 7.82

Girth of Half Midship Frame (as per Rule) 12.16

1st Number 26.98

Length 59.08

2nd Number 159.3

Proportions—Breadths to Length 4.2

Depths to Length—Main Deck to top of Keel 7.5

Destined Voyage

Built at Hull

When built 1893 Launched 19/6/93

By whom built Hook Bolton & Gummell

Owners John Scott

Managers

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

Residence High Street Hull

Port belonging to Hull

Port belonging to Hull

LENGTH on Deck 59.08 BREADTH—14.0 DEPTH—7.1 Power of Engines 20 No. of Decks with Flat laid 1 No. of Tiers of Beams 1

Dimensions of Ship per Register, Length, 60.1 breadth, 14.0 depth, 7.0. Moulded Depth, ft. 7 ins. 6. Round of Beam 4 inches.

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness 6 x 1 1/8 6 x 1 1/8

STEM, moulding and thickness 5 1/2 x 1 1/8 5 1/2 x 1 1/8

STERN-POST for Rudder do. do. 5 1/2 x 2 1/4 5 1/2 x 2 1/4

MAIN PIECE of Rudder, diameter at head 3 3

do. at heel 2 2

RUDDER, how constructed Forged and plated

Can the Rudder be unshipped afloat? Yes

FRAMING.

FRAME, Angles, 2 1/2 Bars, for 1/2 length amidships 2 1/2 2 1/2 5 2 1/2 2 1/2 5

Do. for 1/2 at each end 2 1/2 2 1/2 5 2 1/2 2 1/2 5

Do. in way of Double Bottoms 20 20

Distance of Frames from moulding edge to moulding edge, all fore and aft 20 20

REVERSED FRAME, Angles 2 1/2 2 1/2 4 2 1/2 2 1/2 4

FLOORS, depth and thickness of Floor Plate 9 x 4 9 x 4

at mid-line for 1/2 length amidships 5 5

in way of Engines and Boilers 4 4

thickness at the ends of vessel 4 4

depth at 1/2 the half breadth, as per Rule 4 4

height extended at the Bilges as per approved sketch

FLOORS & BRACKETS, in Cell Dble Bottoms

Distance apart 4 4

CENTRE GIRDER, in Double Bottom, depth and thickness 4 4

Angles, Top Bottom 4 4

SIDE GIRDERS, number and thickness 4 4

Angles 4 4

MARGIN PLATE, depth (exclusive of flange) and thickness 4 4

Angles 4 4

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 4 4

thickness in Engine and Boiler space 4 4

Remainder in Holds 4 4

BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 4 1/2 3 6 4 1/2 3 6

Angles on Upper Edge 40 40

Average space 40 40

BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 4 4

Angles on Upper Edge 4 4

Average space 4 4

BEAMS, Hold, Plate or Tee Bulb 4 4

Angles on Upper Edge 4 4

Average space 4 4

BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb 4 4

Angles on Upper Edge 4 4

Average space 4 4

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb 4 4

Angles on Upper Edge 4 4

Average Space 4 4

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb 4 4

Angles on Upper Edge 4 4

Average space 4 4

PILLARS, In 'tween Decks, Size and Spacing 2 1/2 40 2 1/2 40

Hold 2 1/2 40 2 1/2 40

WEB FRAMES, In Fore Body, No. and Spacing 4 4

Brdth. & Thickness 4 4

No. of Side Stringers 4 4

WEB FRAMES, In After Body, No. and Spacing 4 4

Brdth. & Thickness 4 4

No. of Side Stringers 4 4

Size of Angles or Tee Bars to Web Frames 4 4

BRACKET PLATES to Stringers between Web Frames, Depth and Thickness 4 4

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plates above floors, Through Plate, or Intercoastal Plate 3 3 6 3 3 6

Rider Plate 3 3 6 3 3 6

Bulb Plate to Intercoastal Keelson 3 3 6 3 3 6

Horizontal Plates on Floors 3 3 6 3 3 6

Angles 3 3 6 3 3 6

SIDE KEELSON, Angles 3 3 6 3 3 6

Bulb or Plate above floors for length 3 3 6 3 3 6

Intercoastal Plate for length 3 3 6 3 3 6

Attached to outside plating with Angle 3 3 6 3 3 6

BILGE KEELSON, Angles 3 3 6 3 3 6

Bulb or Plate above floors for length 3 3 6 3 3 6

Intercoastal Plate for length 3 3 6 3 3 6

Attached to outside plating with Angle 3 3 6 3 3 6

BILGE STRINGER Angles 3 3 6 3 3 6

Bulb Plate for length 3 3 6 3 3 6

Intercoastal Plate for length 3 3 6 3 3 6

Attached to outside plating with Angle 3 3 6 3 3 6

SIDE STRINGER Angles 3 3 6 3 3 6

Bulb or Intercoastal Plate for length 3 3 6 3 3 6

Main and Raised Quarter Deck Stringer Plate, on ends of Beams, breadth & thickness 20 5 20 5

Angle on ditto 3 x 3 x 5 3 x 3 x 5

Tie Plates fore & aft, outside Hatchways 7 5 7 5

Diagonal Tie Plates on Bms., No. of Pairs 4 4

Flat of Dk* Iron or Steel for length 2 1/2 2 1/2

Wood Material and thickness 2 1/2 2 1/2

How fastened to Beams 2 1/2 2 1/2

Lower Deck Stringer Plate, on ends of Beams, breadth and thickness 4 4

Angles on ditto, No. 4 4

Tie Plates, outside Hatchways 4 4

Flat of Deck* Material and thickness 4 4

How fastened to Beams 4 4

Hold Stringer Plate, on ends of Beams 4 4

Angles on ditto, No. 4 4

Poop Deck Stringer Plate, breadth & thickness 4 4

Angle on ditto 4 4

Tie Plates 4 4

Flat of Deck, Material and thickness 4 4

How fastened to Beams 4 4

Bridge Deck Stringer Plate, breadth & thickness 4 4

Angle on ditto 4 4

Tie Plates 4 4

Flat of Deck, Material and thickness 4 4

How fastened to Beams 4 4

Forecastle Deck Stringer Plate, breadth & thickness 4 4

Angle on ditto 4 4

Tie Plates 4 4

Flat of Deck, Material and thickness 4 4

How fastened to Beams 4 4

PLATING.

FLAT PLATE KEEL, breadth and thickness 30 5 30 5

d'bling or incr'd thickness, & length appl. 30 5 30 5

PLATES in Garboard Strakes, breadth & thickness 30 5 30 5

From Garboard to lower part of Bilges 30 5 30 5

State Thickness of Plating in way of Double Bottom. 30 5 30 5

Bilges, number of Strakes and thickness 30 5 30 5

Of doubling at Bilge, or increased thickness, and length applied 30 5 30 5

from up. part of Bilge to lr. edge of Sh'rstrake 30 5 30 5

Sheerstrake, breadth and thickness 30 5 30 5

Of d'bling at Sh'stk & lng. applied 30 5 30 5

Poop Sides 30 5 30 5

Raised Quarter Deck Sides 30 5 30 5

Bridge Sides 30 5 30 5

Forecastle Sides 30 5 30 5

Lengths of Plating 6 spaces 6 spaces

BULKHEADS.		No. in Vessel	No. Req'd. by Rule
Coiling betwixt Decks, thickness and material	W. T. BULKHEADS	4/16	4
" in hold do. do. <i>during</i>	PARTITION...	4/16	4
Number of Breasthooks 3	LONGITUDINAL	4/16	4
" Crutches 2			

The FRAMES extend in one length from *Hull* to *gunwale*. Riveted through Plates with *5/8* in. Rivets, about 5 apart.
The REVERSED ANGLE on floors and frames extend from *Bulge to Bulge*.

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.
Garboard, double riveted to Bar Keel on Flat Plate Keel, with rivets *7/8* in. diameter, averaging *3 1/2* ins. from centre to centre.
Edges of Garboards and to upper part of Bilge, worked clench, double riveted; with rivets *5/8* in. diameter, averaging *2 1/2* ins. from centre to centre.
Butts from Keel to turn of Bilge, worked carvel, *treble* or double riveted; with rivets *5/8* in. dia., averaging *2 1/2* ins. from cr. to cr.
" " " overlapped for *length* treble riveted for *length*; with rivets *5/8* in. dia., averaging *2 1/2* ins. from cr. to cr.
Butts of *one* Strakes at Bilge for *half* length, double riveted with Butt Straps *1/16* thicker than the plates they connect.
Edges from Bilge to Sheerstrake, worked clench, double riveted; with rivets *5/8* in. diameter, averaging *2 1/2* ins. from centre to centre.
Butts from Bilge to Sheerstrake, worked carvel, *treble* or double riveted; with rivets *5/8* in. dia., averaging *2 1/2* ins. from cr. to cr.
" " " overlapped for *length* treble riveted for *length*; with rivets *5/8* 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*. Single or Double Butt Straps to Stringer Plate for *length*.
Butts of Inner Bottom Plating *double* riveted for *length*. Butts of Centre Girder *double* riveted.
Breadth of edge laps of Shell Plating in double riveting *3 3/4*. Breadth of edge laps of Shell Plating in single riveting *2 1/4*.
Butt Straps of Shell Plating breadth and thickness *8"* *5/16 to 6/16* Butts, if lapped, breadth of laps *2 1/4*.
Butt Straps of Keelsons, Stringer and Tie Plates, *treble* or double 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.: *Stockton Malleable Iron Co. Moor Steel Iron Co. Hull Forge 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*.

MASTS, SPARS, &c.

	Material	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS...											
Main											
Mizen											
Bowsprit											
Topmasts, Yards and Remainder of Spars											
Rigging, Material and Size, Shrouds											
Sails.	Suit of										

EQUIPMENT No. LETTER ANCHORS.

Number of Certificate.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED FOR			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.
33892	1st Bower ..	3	0	16	0	3	2	5	14	1	14	3	0	0	Rodgers L.S.	L.P.H.N. 29/6/93
33893	2nd " ..	1	3	24	0	2	0	4	10	0	0	2	0	0	"	L.P.H.N. 29/6/93
	3rd " ..														"	G. Horspool
	Collective weight	5	0	12								5	0	0		
	Stream	✓														
	Kedge	✓														
	2nd Kedge ..	✓														

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate, Tons.	Weight of Chain Cable	Fathoms & Size.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size. Per Rule.
23757	60	10/16	4	5.5-0.0	60.10/16	short of green	L.P.H.N. 29/6/93	TOWLING	75	8"	✓	
			4	12.2-0	14.1-7			g. Horspool	Hawser	50	4"	✓
									"	50	3"	✓
Iron Stream Chain or Steel Wire	✓											
Towline (if steel wire)												

Boats *one*.
Pumps, Number *two*. Diameter of Barrel and Tail Pipe *Barrel 4" Tail pipe 2"*.
The Windlass is *Iron Patent*. Capstan *yes*.
Engine Room Skylights.—How constructed? *Leak Green*.
What arrangements for deadlights in bad weather? *Solid oak shutters with glass bullseyes in many*.
Coal Bunker Openings.—How constructed? *Cast iron*. How are lids secured? *locks*. Height above deck? *2 1/2*.
Number of Scuppers, and number and dimensions of Freeing Ports, &c. *Two ports 18"x9" and two scuppers*.
Cargo Hatchways.—How formed? *Iron Coamings*. Hatches, if strong and efficient? *2 1/2*.
State size No. 1 Hatch (Forward) *yes*. No. 2 Hatch *yes*. No. 3 Hatch *3'4"x2'6"*. No. 4 Hatch *yes*.
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *yes*.

Bulwarks, height above deck and description *Iron 2' 0" high*. Main Rail, material and size *Iron 6"x3"*.
The above is a correct description.
Builder's Signature, (here only.) *Cook Nelson Kemmell*. Surveyor's Signature, *A. Williamson*.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Order for Special Survey No.	Order for Ordinary Survey No.	Date	No.	in builder's yard.	1st.	2nd.	3rd.	4th.	5th.	Total No. of Visits
607	102	1/3/93	102	yes	On the several parts of the frame, when in place, and before the plating was wrought	On the plating during the process of riveting	When the beams were in and fastened, and before the decks were laid	When the ship was complete, and before the plating was finally coated or cemented	After the ship was launched and equipped	11

State dates and initials of letters respecting this case *6/3/93 M. 30/3/93 M.*
General Remarks (State quality of workmanship, &c.) *This undecked vessel for towing purposes has been built in accordance with the approved tracings for the A class "For towing purposes" and the Secretary's letters dated as above. The workmanship throughout is good. The sluice valves and pumps are in good working condition.*

The approved tracings forwarded to London. 25/4/93

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. *10K*; Signal Letters *10K*.

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. ✓*.
In Winter *ft. ✓ ins. ✓*.
For Winter in North Atlantic *ft. ✓ ins. ✓*.
Fresh Water above the centre of disc *✓ ins. ✓*.
To top of Wood, Iron or Steel Upper Deck. *✓*

The amount of Entry Fee *£ 1 - -* is received by me, *A. Williamson*.
Special *£ 8 - 11 - 8* 1893.
Certificate *£ - -*.
Travelling Expenses, if any *£ - -*.
I am of opinion this Vessel should be Classed *A. 1. "For towing purposes". A. Williamson*.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
Character assigned

FEB 4 AUG 1893

A1 for Towing purposes

LA + CP
+ LMC 7 93
(subject to Annl. Survey)
E + B made 85

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 A1 "For towing purposes" as recommended.

A1 ("Iron") "For towing purposes"

Lloyd's Register Foundation