

Sailing Vessel.

IRON OR STEEL SAILING SHIP.

LIGHTSHIP.

Port of Hull Date of completion of Report 2-12-09 Received at London Office Nov. 29th 1909
Survey held at Hull Date of First Survey June 19th Last Survey Nov. 29th 1909
On the Steel Lightship "BULL." Rig ✓

TONNAGE under
Tonnage Deck... 155-0

ONE OR TWO DECKED VESSEL.

Master G.B. Oglesby

Year of Appointment

Built at HullWhen built 1909 Launched 16th SeptBy whom built Earle's Shipbuilding & Eng. Co. Ltd.Owners Humber Conservancy Board

Managers

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

Residence HullPort belonging to Hull

Do. of Poop

Do. of raised Gr.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Gross Tonnage

Less Crew Space

TONNAGE FOR FEES..

Less Navigation spaces

Register Tonnage

as cut on Beam....

Half Breadth (moulded)..... 11-00

Depth from upper part of Keel to top of Upper Deck Beams 12-79

Girth of Half Midship Frame (as per Rule)..... 20-25

1st Number..... 44-04

Length..... 79-82

2nd Number..... 3515

Proportions—Breadths to Length..... 3-62

Depths to Length—Upper Deck to top of Keel..... 6-24

Destined Voyage Humber Mouth If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on deck Feet. Inches. BREADTH—Feet. Inches. DEPTH—Feet. Inches. No. of Decks with Flat laid One
as per rule..... 79 10 Moulded..... 22 0 Top of Floors to Upper Deck Beams.. 10 9½ No. of Tiers of Beams One

of Ship per Register, Length, 81-0 breadth, 22-1½ depth, 10-7½ Moulded depth, ft. 12 in. 4 Round up of Beam 5½ ins.

INGS AND CASTINGS. Inches in Ship. Inches per Rule. Or as Approved. KEELSONS AND STRINGERS. Inches in Ship. Inches in Ship. 20ths in Ship. Inches per Rule. Or as Approved. Inches per Rule. Or as Approved. 20ths in Ship. Inches per Rule. Or as Approved.

Steel Plates, depth and thickness 4 x 1½ 7 x 1½ CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate 27½ 9 27½ 9

ling and thickness... 7 x 1 7 x 1 " Rider Plate..... ✓

T, do. do. 4 x 1½ 7 x 1½ " Bulb Plate to Intercoastal Keelson..... ✓

E of RUDDER, diameter at head.. 3½ 3½ " Horizontal Plates above floors..... ✓

" " at heel.. 2½ x 2¾ 2½ x 2¾ " Angles..... 3½ 3 9 3½ 3 9

ow constructed Forged iron frame. Single plate 15" SIDE KEELSON, Angles..... 3 3 8 3 3 8

r be unshipped afloat? Yes " Bulb or Plate above floors for length..... ✓

FRAMING. Inches in Ship. Inches in Ship. 20ths in Ship. Inches per Rule. Or as Approved. 20ths in Ship. Inches per Rule. Or as Approved. " Intercoastal Plate for length..... ✓

gles, 7 Bars, for ¾ length amid- 4½ 3 8 4½ 3 8 " Attached to outside Plating with Angle..... ✓

ps..... 4½ 3 7 4½ 3 7 " BILGE KEELSON, Angle..... Longitudinal Bulkheads fitted here see plans

each end..... 20 20 " Bulb above floors for length..... ✓

Frames from moulding edge to 3 3 6 3 3 6 " Intercoastal Plates for length..... ✓

FRAME, Angles..... 4½ 4½ " Attached to outside Plating with Angle..... ✓

HING, depth of girder..... 24 8 24 8 " BILGE STRINGER, Angles..... ✓

depth and thickness of Floor Plate 7 7 " Bulb Plate for length..... ✓

mid line for ¾ length amidships.. 7 7 " Intercoastal Plates for length..... ✓

ess at the ends of vessel..... 4½ 4½ " Attached to outside Plating with Angle..... ✓

at ¾ the half breadth, as per Rule.. Straight across SIDE STRINGER, Angles..... 3 3 3½ 3 3 3½

extended at the Bilges See plan " Bulb Plate for length..... ✓

in Deck, Single Angle, Bulb Angle, 5 3 7 5 3 7 " Intercoastal Plate for length..... ✓

Plate or Tee Bulb..... ✓ " Attached to outside Plating with Angle..... ✓

gles on Upper Edge..... 20 20 " UPPER SIDE STRINGER, Angles..... ✓

verage space..... 40 40 " Bulb Plate for length..... ✓

wer Deck, Plate or Tee Bulb..... 4½ 3 7 4½ 3 7 " Intercoastal Plate for length..... ✓

gles on Upper Edge..... 40 40 " Attached to outside Plating with Angle..... ✓

verage space..... 40 40 " Main Deck Stringer Plate, breadth and thickness..... 48 8 48 8

ld, Plate or Tee Bulb..... ✓ " Angle on ditto..... 3 x 3 3 x 3 3 x 3 3 x 3

gles on Upper Edge..... 20 20 " Tie Plates fore and aft, outside Hatchways..... 7 6 7 6

verage space..... 40 40 " Diagonal Tie Plates, No. of Prs. For a short distance for 3' only ✓

wer Deck, Plate or Tee Bulb..... 4½ 3 7 4½ 3 7 " Main Dk. * Iron or Steel for See plan len. Chargued ✓

gles on Upper Edge..... 40 40 " Wood Deck, Material & thickness 4. Pine. See plan ✓

verage space..... 40 40 " Lower Deck Stringer Plate, breadth and thickness Calvin. 5. 14 ✓

ld, Plate or Tee Bulb..... ✓ " Is the Stringer Plate attached to the Outside Plating? At forward and after ends only ✓

gles on Upper Edge..... 3 x 3 3 x 3 3 x 3 3 x 3 " Angles on ditto, No. At Centre ✓

verage space..... 12 7 12 7 " Tie Plates, outside Hatchways..... ✓

op Deck, Angle, Bulb Angle, Plate ✓ " Diagonal Tie Plates, No. of Prs. ✓

ee Bulb..... ✓ " Deck, Material & thickness R. Pine 2 ✓

on upper edge..... ✓ " Hold Stringer Plate..... ✓

verage space..... ✓ " Is the Stringer Plate attached to the Outside Plating? ✓

op Deck, Angle, Bulb Angle, ✓ " Angles on ditto, No. ✓

ee Bulb..... ✓ " Poop Deck Stringer Plate, breadth & thickness ✓

on upper edge..... ✓ " Angle on ditto..... ✓

verage space..... ✓ " Tie Plates..... ✓

op Deck, Angle, Bulb Angle, ✓ " Deck, Material and thickness..... ✓

ee Bulb..... ✓ " Bridge Deck Stringer Plate, breadth & thickness..... ✓

on upper edge..... ✓ " Angle on ditto..... ✓

verage space..... ✓ " Tie Plates..... ✓

op Deck, Angle, Bulb Angle, ✓ " Deck, Material and thickness..... ✓

ee Bulb..... ✓ " Forecastle Deck Stringer Plate, b'dth & thkns..... ✓

on upper edge..... ✓ " Angle on ditto..... ✓

verage space..... ✓ " Tie Plates..... ✓

op Deck, Angle, Bulb Angle, ✓ " Deck, Material and thickness..... ✓

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

on upper edge..... ✓ " BULKHEADS. Number. Thickness. STIFFENERS. Single or Double Frames. Height up.

verage space..... ✓ " In Vessel. Per Rule. Horizontal. Vertical. Spacing. Inches. Inches.

op Deck, Angle, Bulb Angle, ✓ " W.T. BULKHEADS 5 5 6 ✓ 4 x 3 x 20 30 Double Deck

ee Bulb..... ✓ " PARTITION " 2 longitudinal " W.T. See plan, 45 x 3 x 20 20 Double Deck

PLATING.										RIVETING.									
AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES. Ordinary				BUTTS.									
STRAKES.	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.	Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.		
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Diam.	Spacing or to cr.					Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
KEEL (Riveting)	12 in.	7/8	7/8	7/8	3 1/2	7/8													
GARBOARD OR A Strake	3 1/2	7/8	7/8	7/8	3 1/2	7/8													
B "		7/8	7/8	7/8		7/8			Double	4 1/2	3/4	3/4							
C "		7/8	7/8	7/8		7/8													
D "		7/8	7/8	7/8		7/8													
E "		7/8	7/8	7/8		7/8													
F "		7/8	7/8	7/8		7/8													
G "	4 1/2	7/8	7/8	7/8	4 1/2	7/8													
H "																			
J "																			
K "																			
L "																			
M "																			
N "																			
POOP OR R. Q. D. SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING	See frame 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.
Connell, Birmingham
Steel tested as required by Rules.

FRAMES extend in one length from Keel to gunwale.
 REVERSED FRAMES on floors and frames extend from centre of floor middle line to (single angle frame) and to alternately.

MASTS AND SPARS.										RIGGING.									
MASTS, &c.	MATERIAL.	Total Length.	DIAMETER AND THICKNESS AT—				No. of Plates in Round.	ANGLES.		RIVETING.		MATERIAL.	SHROUDS.		STATS.				
			Partners.	Heel.	Hounds.	Head.		Num.	Size.	Seams.	Butts.		No.	Size.	No.	Size.			
LOWER MASTS	Fore ..																		
	Main ..																		
	Mizen ..																		
	Jigger ..																		
BOWSPRIT	Fore ..																		
	Main ..																		
	Mizen ..																		
	Jigger ..																		
TOPMASTS	Fore ..																		
	Main ..																		
	Mizen ..																		
	Jigger ..																		
YARDS.	Fore ..																		
LOWER YARDS ..	Main ..																		
	Crossjack ..																		
	Jigger ..																		
	Lower ..																		
FORE	Upper ..																		
MAIN	Lower ..																		
Upper ..																			
MIZEN	Lower ..																		
Upper ..																			
JIGGER	Lower ..																		
Upper ..																			

Remainder of Spars.

EQUIPMENT No. 1. LETTER As approved ANCHORS.										TONNAGE FOR TRAWLERS. U.D.K.									
Number of Certificate.	Anchors.	WEIGHT, EX-STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT, EX-STOCK.			WEIGHT OF STOCK.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.			
5861	1st Bower ..	9	0	3	10	0	3	11	2	2	0	9	0	0	0	0	0	0	0
5862	2nd " ..	7	2	7	8	0	7	9	15	3	2	7	0	0	0	0	0	0	0
	3rd " ..																		
	Collective weight	16	2	10	18	0	10	20	17	3	2	16	0	0	0	0	0	0	0
	Stream																		
	Kedge																		
	2nd Kedge ..																		

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms and Size.	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.														
36496	240 1/2	1 1/2	58 2/10	275	2	275	2	14	240 1/2	Attd.	R. Dykes	4 P.H.T. 15-7-09	TOWLINE	Coir	90	8	90 x 8		
			40 8/10	275	2	275	2	14		Sinks	4 Dora	9 M. Parnall	HAWSER	"	90	6	90 x 6		
													WARP	"	90	5	90 x 5		
														"	90	2 1/2	90 x 2 1/2		

Boats. On Signal.

Pumps, Number. One fly wheel Dainton pump. Diameter of Barrel and Tail Pipe. 4 1/2" = 2 1/2"

Windlass is by Harfield & Co. Capstan.

Number of Scuppers, and number and dimensions of Freeing Ports. 4 Scuppers. No freeing ports.

Ceiling in Holds, thickness and material. 2" pine. Ceiling 'tween Deck, thickness and material.

Cargo Hatchways.—How formed?—Hatches, if strong and efficient?—

State size No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch.

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch. No. of Breasthooks. Two. No. of Crutches. 1 and 2 up floor.

Bulwarks, height above deck and description. No. of Topgallant Rail.

The above is a correct description.

Builder's Signature (here only). SHIPBUILDING & ENGINEERING CO. LIMITED. 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).
 (M) 20-4-09. (E) 5-4-09.

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 or lapped? Yes
 General Remarks (State quality of workmanship, &c.) Workmanship good.
This vessel has been built in accordance with the approved plans, the Secretary letters of the above dates and in general conformity to the Rules for the class contemplated.

Accompanying this Report. Plans of Midship Section, (2) Profile and Decks, Lower Deck. Pumping Arrangements, and Report on Ships Joining.

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 Broak. ✓ ft., Bridge Dk. ✓ ft., F'castle ✓ ft. (in feet and tenths). 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.

Official No. ✓; Signal Letters ✓
 How are the surfaces preserved from oxidation? Inside Portland Cement, Bituminous solution, enamel Outside Paint & Coal Tar on sides and paint.

Order for Special Survey No. 1792 Date 22/4/09
 Order for Ordinary Survey No. ✓ Date ✓
 No. 560 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 1909. Jan. 19. 28. 30. July 1. 3. 5. 7. 10. 13. 20. 23. Aug 4. 5
 2nd. On the plating during the process of riveting Aug 11. 12. 17. 20. 21. 26. 27. 28. 30. 31. Sep. 1. 8. 14. 21. 25. 28
 3rd. When the beams were in and fastened, and before the decks were laid Sept 29. Oct 5. 7. 9. 11. 12. 15. 19. 22. 25. 30. Nov. 5. 11.
 4th. When the ship was complete, and before the plating was finally coated or cemented Nov 15. 23. 29.
 5th. After the ship was launched and equipped. Total No. of Visits 45

The amount of Entry fee £ 1 : 0 : 0
 Special Survey fee £ 7 : 4 : 0
 Travelling Expenses, if any £ : : :
 Fees applied for, 2.12.1909
 Received by me, 24/2/10
 Certificate to be sent to. Hull

I am of opinion this Vessel should be Classed 100 A1
 With, or without Freeboard, as condition of Class Without

Committee's Minute TUES. 7 DEC 1909
 Character assigned 100 A1
LLYD'S REG. P.

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